INTERIM REMEDIAL ACTION REPORT – SLAB, SOIL, AND SEDIMENT REMEDIATION

REMEDIAL ACTION CONTRACT 2 FOR REMEDIAL, ENFORCEMENT OVERSIGHT, AND NON-TIME CRITICAL REMOVAL ACTIVITIES IN REGION 5

OMC PLANT 2 SITE WAUKEGAN, LAKE COUNTY, ILLINOIS

Prepared for
United States Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604

Date Submitted:

February 2, 2012

US EPA Region:

5

Work Assignment No:

167-RARA-0528 EP-S5-06-02

Contract No:

SulTRAC

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February 3, 2012

Mr. Timothy Drexler Project Manager U.S. Environmental Protection Agency (EPA) Region 5 77 W. Jackson Blvd. – 6th Floor Chicago, Illinois 60604

Subject: Interim Remedial Action Report

Outboard Marine Corporation (OMC), Plant 2 Site

Waukegan, Lake County, Illinois

Remedial Action Contract (RAC) 2 EP-S5-06-02

Work Assignment No. 167-RARA-0528

Dear Mr. Drexler:

SulTRAC is enclosing a copy of the above-referenced report for your review. Copies have also been forwarded to CH2M Hill and the Illinois Environmental Protection Agency (IEPA) as requested.

Please note that several appendices were too voluminous to print and their file size precluded them from being inserted onto individual CDs. SulTRAC has therefore included a DVD containing the entire report with appendices listed under separate subdirectories.

If you have any questions, please call me at (312) 201-7474.

Sincerely,

Tom Hahne Project Manager

Enclosure

cc: Parveen Vij, EPA Contracting Officer (letter only)

Mindy Gould, SulTRAC Program Manager (letter only)

Erin Rednour, IEPA (2 copies) Jewelle Keiser, CH2M Hill (1 copy)

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1.0 INTRODUCTION

SulTRAC has prepared this Interim Remedial Action Report (IRAR) for the Outboard Marine Corporation (OMC) Plant 2 site (Site) in Waukegan, Lake County, Illinois, under the U.S. Environmental Protection Agency (EPA) Remedial Action Contract (RAC) II for Region 5, Contract No. EP-S5-06-02, Work Assignment (WA) Number 167-RARA-0528. The EPA scope of work for OMC requires a final remedial action report, completed in accordance with requirements specified in EPA Publication No. 9320.2-22 (Closeout Procedures for National Priority List Sites). An Interim Remedial Action Asbestos Abatement and Demolition Summary Report (AADSR) was submitted on August 2, 2011, to summarize the Phase I initial remedial actions at the site. This IRAR is provided to partially fulfill the remedial action report requirement by providing documentation of the Phase II remedial actions at the site.

The purpose of this WA is to implement the remedial action (RA) in accordance with the objectives of the remedial design (RD). The statement of work (SOW) for the WA includes the RA for the Plant 2 Site, which is Operable Unit (OU) 4 of the OMC Superfund site. The RA includes asbestos abatement, building demolition, building slab removal, sub-slab soil removal, soil remediation, and sediment remediation of the North Ditch and the South Ditch. The RA was initially divided into two phases (both now completed): Phase I included asbestos abatement and building demolition. Phase II involved building slab removal, subslab fill removal, and soil removal from the Plant 2 area and 14 outlying remediation areas. Phase II also included sediment remediation of the North Ditch and South Ditch. A third phase, termed the Supplemental Remediation Phase, is in progress. A final remedial action report will be issued when that work is completed. The estimated completion date for the supplemental remediation is June 2012.

This IRAR describes Phase II of the RA (slab removal, soil remediation, and sediment remediation). The Phase II remediation activities included:

- Pre-remediation investigation activities
- Removal, crushing, transportation and off-site disposal of the Plant 2 slab
- Excavation, transportation, and off-site disposal of subslab soil
- Excavation, transportation, and off-site disposal of soil from 13 pre-determined areas (Areas 1, 2, and 4 through 14)
- Excavation, transportation, and off-site disposal of sediment from the North Ditch (Area 3) and the South Ditch

- Removal of the New Smelter Slab, followed by crushing and onsite reuse of crushed concrete
- Excavation, transportation, and disposal of soil from the New Smelter Slab Area
- Restoration of the Dune Area (Area 5).

The remediation activities addressed contamination identified in the scope of the Basis of Design Report (CH2M Hill 2008) and the Addendum to the Basis of Design (CH2M Hill 2009), except for the Triax Building and the adjacent Trim Building Slab. The Triax Building has been used for groundwater remediation activities associated with the nearby Waukegan Coke Plant cleanup. The Triax Building and Trim Building Slab remain in place and will be used as part of the Waukegan Harbor Sediment cleanup.

As noted above, Supplemental Remediation is addressing contamination identified during the Phase II remediation activities. The scope of ongoing Supplemental Remediation is identified in the Supplemental Design Report (SulTRAC 2011a).

1.1 SITE LOCATION AND HISTORY

The OMC Plant 2 site is located at 90 East Sea Horse Drive in Waukegan, Illinois, about 40 miles north of Chicago. The OMC Plant 2 site is the fourth of four OUs on the OMC National Priorities List (NPL) site, which also includes the Waukegan Harbor site (OU 1), the Waukegan Manufactured Gas and Coke Plant ("Waukegan Coke Plant") site (OU 2), the polychlorinated biphenyl (PCB) Containment Cells (OU 3), and the OMC Plant 2 (OU-4). Figure 1 shows the location of OMC Plant 2.

The OMC Plant 2 site is a 60-acre lakefront parcel that formerly contained an abandoned 1,060,000-square-foot (sq ft) industrial facility in which OMC made outboard motors from about 1948 until 2000. The facility was divided into an older plant and newer plant. The older plant, encompassing about 620,000 sq ft was demolished in 2010 as documented in the Interim Removal Action Report for Demolition and Asbestos Abatement (SulTRAC, 2011b). The City of Waukegan previously demolished the newer eastern building, encompassing about 400,000 sq ft. Some of the residual portions of the eastern plant foundations remain in place and are being addressed as part of the ongoing supplemental remediation activities.OMC was the world's largest manufacturer and supplier of outboard motors and second largest producer of powerboats. OMC declared bankruptcy in December 2000 and ceased all manufacturing operations in August 2001. The Former Plant 2 site is now owned by the City of Waukegan. EPA began a remedial investigation (RI) at the OMC Plant 2 site in 2004 to determine the nature and extent of contamination in site groundwater, sediment, and soil, and within the OMC Plant 2 set.

building. EPA issued the *Remedial Investigation Report (for) OMC Plant 2* containing the study results and a human health and ecological risk assessment in April 2006 (CH2M Hill 2006a). EPA began a feasibility study (FS) in 2005 to examine site cleanup alternatives designed to protect human health and the environment, and issued the *Feasibility Study Report (for) OMC Plant 2* in December 2006 (CH2M Hill 2006b). EPA issued a Record of Decision (ROD) for cleanup of soil and building media in September 2007 (EPA 2006). CH2M Hill prepared a Basis of Design in June 2008 that described the remedial objectives and remedial measures to address soil, sediment, and building media (CH2M Hill 2008). CH2M Hill prepared an addendum to the Basis of Design for remediation of soil, sediment, and building media in November 2009 (CH2M Hill 2009). The remediation activities described in this report accorded with the ROD, Basis of Design, and addendum to the Basis of Design. Figure 2 shows the OMC Plant 2 Site Layout and also shows the status of remediation activities at completion of the Phase II activities.

1.2 CONTAMINANTS

The OMC facility used hydraulic and lubricating oils that contained polychlorinated biphenyls (PCB) in its production lines beginning in 1961 until 1972, and routinely discharged some of the fluids via sewer lines into Waukegan Harbor, thereby becoming the source of very high-level PCB contamination in harbor sediment. OMC also operated several vapor degreasers at the OMC Plant 2 facility to clean newly made parts with trichloroethene (TCE). Leaking degreasers and/or TCE storage tanks over the years created a TCE groundwater contaminant plume and a dense, non-aqueous phase liquid (DNAPL) beneath the OMC Plant 2 site.

During the RI, many interior surfaces within the 620,000 sq ft of building space of the OMC Plant 2 building were found contaminated with PCBs. Sampling of the concrete floors identified PCB contamination including PCB levels well above the Toxic Substance Control Act (TSCA) cleanup level [761.61 (a) (4) (iii)] screening criterion of 50 milligrams per kilogram (mg/kg) in the Old Die Casting (ODC) Area, located on the western side of the former building.

Subsurface soil sampling during the RI and also as part of the pre-remediation activities identified contaminants including PCBs, volatile organic compounds (VOC), and polynuclear aromatic hydrocarbons (PAH) in the former building footprint. Subsurface soil sampling during the RI identified PCB and PAH contamination in other locations of the site (Areas 1, 2, and 4 through 13). Sediment sampling identified PCBs in the North Ditch (Area 3) and the South Ditch.

1.3 REMEDY COMPONENTS

Pre-remediation activities for Phase II of the RA began in June 2010. These included concrete slab sampling, subslab soil sampling, sampling of the South Ditch, a survey for threatened and endangered species, and a survey of existing conditions in the Dune Area (Area 5). Mobilization activities and setup of site facilities had been addressed as part of the prior building demolition activities.

Slab demolition and soil remediation activities began concurrently in August 2011. Slab demolition included removal of the slab, on-site processing, and off-site disposal as TSCA or Subtitle D Waste. Steel embedded in concrete was processed and recycled offsite as part of the slab removal activities. Except for the ODC Area, slab removal activities had been completed in October 2010.

Soil remediation began in August 2011 with removal of an existing pile of soil derived from historical harbor dredging activities. Soil remediation then proceeded to individual removal areas (Areas 1, 2, and 4 through 14) and also to the subslab area (most of the slab had been removed in September 2010). Soil remediation activities were completed in August 2011.

Sediment remediation in the South Ditch began in October 2010 and ended in November 2010. Area 3, the North Ditch, was remediated to the design elevation of 577 feet msl in November 2010.

Air monitoring stations were established on the site perimeter prior to initiation of demolition activities, as described in the AADSR (SulTRAC 2011b). The air monitoring stations were operated to collect time-integrated samples of total suspended particulates using Particulate Matter (PM) 10 air samplers one day per week during dry or dusty conditions. These samplers were operated for the duration of the soil remediation activities.

2.0 CHRONOLOGY OF EVENTS

This section provides a chronology of the remediation activities, which included pre-demolition and demolition activities.

2.1 PRE-REMEDIATION ACTIVITIES

Pre-remediation activities included:

- Setup of facilities, security, air monitoring stations, and silt fencing, as described in the AASDR (SulTRAC 2011b).
- Sampling of the South Ditch in June 2010 to determine that contamination was present requiring remediation (SulTRAC 2010a).
- Subslab and concrete sampling investigation to characterize the extent of PCB, PAH, and VOCs in soils underlying the Plant 2 slab, and to determine the concrete thickness. Sampling was conducted with a truck-mounted hydraulic push probe in June 2010. Subslab sampling activities included concrete coring and soil sampling to a depth of between 5 and 8 feet below the Plant 2 slab surface at 87 locations. Results were used to determine the extent of soil remediation and to identify potentially clean soils for site reuse (SulTRAC 2010b). A second round of subslab sampling in August 2010 further assessed the extent of contamination exceeding the TSCA characteristic for PCBs (SulTRAC 2010d.
- An existing conditions survey and threatened and endangered species survey in July and August 2010 to identify threatened grasses and other species, and to provide a density survey for dune grasses. The survey was used to establish restoration metrics for the dune area (SulTRAC 2010c). The survey also included a biological assessment to assess presence of the piping plover and other threatened biota (SulTRAC 2010e). SulTRAC worked with EPA and US Fish and Wildlife Service (USFWS) to establish protocol for identifying the piping plover, and to implement best management practices in the event these threatened biota would be identified.
- Waste characterization sampling in July 2010, prior to the start of soil removal activities, to provide data for determining appropriate offsite disposal facilities.
- Sewer plugging activities in August 2010 to prevent potential discharge during soil excavation activities.
- Test pitting in July 2010 to identify the depth to groundwater throughout the site area, and to determine the likely limits of excavation.
- Well abandonments in July 2010 to abandon and seal wells within the footprint of the remediation activities. Completed abandonment forms are provided in Appendix E.

2.2 REMEDIATION ACTIVTIES

Remediation activities included removal of the Plant 2 concrete slab; remediation of subslab soils; remediation of soil in Areas 1, 2, and 4 through 14; remediation of sediment in Area 3 and the South Ditch; removal of an underground storage tank (UST); removal of subsurface footings and structures; and removal of a slab and subslab soils within the Smelter Slab Area. Each remediation activity is described below.

2.3 PLANT 2 SLAB REMOVAL

The Plant 2 concrete slab was removed in two parts. The eastern portion of the Plant 2 slab, which contained PCBs at less than TSCA levels, was removed first. The slab in the western portion, the ODC Area, which contained TSCA levels of contamination, was removed later. The ODC slab was left intact until many of the soil and sediment remediation activities had been completed.

The eastern portion of the slab was first broken up by using a Thumper. The Thumper consisted of a tractor equipped with an irregularly shaped steel ball. The tractor dragged the ball over the top of the concrete surface over a period of several days to loosen the concrete and render it easier to remove. Track-hoes equipped with hydraulic breakers were then used to break up the concrete so that excavators could subsequently remove concrete in sections. Once the concrete was removed, it was processed with the breakers and Trackhoe-mounted shears. After sections had been broken into suitable-sized chunks, these were further processed using a mobile concrete crusher. Steel rebar was removed during the crushing operation and recycled offsite. Processed concrete was transported and disposed of offsite at Veolia's Landfill in Zion, Illinois.

The ODC area slab removal proceeded in a similar manner; however, removal of material from this portion of the slab was conducted without crushing due to the high PCB concentrations. Concrete was processed using shears until the size criterion for disposal was met. ODC concrete was disposed of as TSCA waste at Heritage's TSCA-compliant landfill in Roachdale, Indiana.

Plant 2 slab removal activities began in August 2010 and were completed in April 2011.

2.4 SOIL REMEDIATION

Soil remediation activities were conducted in a number of site areas including the subslab area below the former Plant 2 slab and in 13 defined soil remediation areas (Areas 1,2, and 4 through 14). Soil was first excavated to the targeted depth based on the CH2M Hill design or to the depth identified in the subslab investigations. Following this soil removal, soil was removed iteratively from the base(s) and sidewalls based on results of confirmation sampling. Soil removal generally was terminated at the apparent water table unless sampling indicated that soil exceeding TSCA criteria was still present. These areas were reexcavated until soil no longer exhibited TSCA characteristic levels of PCBs. One area that did not meet TSCA criteria was the ODC Area, where contamination was noted well below the water table and further

excavation was not deemed feasible. The ODC Area will be further addressed based on the findings of an ongoing feasibility study. Two other areas also exhibited residual soil contamination exceeding TSCA criteria: the Smelter Slab Area and Area 5. These areas will be addressed as part of the ongoing supplemental remediation activities. Figures 3, 4, and 5 depict the pre-excavation, post excavation, and post backfill topography. Figures 6 through 21 show the final confirmation sampling results in the soil excavation areas.

Soil remediation activities began in August 2010 and were completed in June 2011.

2.5 SEDIMENT REMEDIATION

Sediment remediation activities were conducted in the North Ditch (Area 3) and the South Ditch. The North Ditch remediation activities included temporary dewatering of the ditch, followed by mechanical excavation to a fixed elevation of 577 feet above mean sea level (msl). Excavated sediments were accumulated at a central point within the ditch and amended with cal-cement in order to meet disposal limits for free water content. Once sediment was removed to the fixed elevation, the ditch was allowed to naturally refill. Water removed from the ditch was treated by filtration and discharged onsite after a determination that filtered water did not contain detectable PCBs.

Sediment was also removed from the South Ditch by mechanical excavation similar to that used at the North Ditch; however, the excavated sediment was amended with site soil to limit the free liquid content of the sediment. At the South Ditch, sediment removal was followed by confirmation sampling and reexcavation to achieve remediation objectives.

Sediment remediation activities at the North Ditch began in November 2010 and were completed in November 2010. Sediment remediation activities at the South Ditch began in October 2010 and were completed in December 2010.

2.6 SUBSLAB STRUCTURE AND UST REMOVAL

Removal of the subslab also included removal of subsurface structures to the extent required to complete the soil remediation or to meet design requirements. This included the following subsurface structures:

- Piping throughout the plant area and piping containing sludges on the north side of the slab
- Filtration and oil separation tanks in the former Chip Wringer Area
- Ventilation Tunnels in the ODC Area
- An approximately 2,000-gallon UST in Grid L-6
- Footings and concrete foundations in the ODC Area
- Footings and concrete foundations in the DNAPL Area.

Subsurface structure removal activities occurred at the same time as soil removal, starting in August 2010 and ending in June 2011.

2.7 TUNNEL WATER REMOVAL

Water removal and treatment activities occurred during Tunnel removal and sediment dredging activities. Water removal from the tunnel system involved pumping the tunnels to remove water, filtering the water, sampling the water, and discharging the water onsite. However, the tunnel system was found to have water in direct contact with groundwater, and pumping and treating was discontinued after quick refill of tunnels by groundwater recharge became evident.

Tunnel dewatering activities were completed in March 2011, prior to remediation of the ODC Area.

2.8 NEW SMELTER SLAB REMEDIATION AND SUPPLEMENTAL INVESTIGATION ACTIVITIES

Confirmation sampling activities in Areas 10 and 13 identified possible contamination in the New Smelter Slab Area. Confirmation sampling in Area 3, Area 4, and Area 5 also identified contamination beyond the limits of the remediation activities specified in the Design. As a result, a supplemental investigation was conducted in March 2011 to determine the extent of contamination (SulTRAC 2011c).

Following completion of sampling activities, it was determined that slab removal followed by subslab soil removal was necessary in the New Smelter Slab Area. Further remediation activities were deferred in Areas 3, 4, and 5 based on the need for a Supplemental Design.

The slab was removed in the New Smelter Slab and processed by crushing. Crushed slab material was used as fill in the ODC Area. Other material, previously generated by the City of Waukegan (City) by

removing and crushing the foundations of the eastern site buildings, was also used as fill in the ODC Area.

Following removal of the slab, the underlying soils were removed and transported offsite as Subtitle D (nonhazardous waste) or as TSCA waste, based on sampling results. Soil was excavated to the required depth based on supplemental sampling results; confirmation sampling results then indicated whether further excavation would be necessary, and if so, that further excavation would be followed by confirmation sampling, and so on, iteratively, until sampling results of the remaining soil indicated it below benchmarks for target analytes and TSCA criteria.

The New Smelter Slab and soil removal activities began in June 2011 and were completed in August 2011.

2.9 RESTORATION ACTIVITIES

Site restoration activities occurred at the Plant 2 site, and Dune restoration was performed for Area 5.

2.9.1 Site Restoration

Site restoration activities were limited to minor grading within the site area to minimize steep slopes. Due to limited volumes of clean fill, only areas containing LNAPL and DNAPL were backfilled with site fill to eliminate exposure and to reduce migration of these.

Rough final grading activities occurred in August 2011.

2.9.2 Dune Restoration

Restoration of Area 5 included backfilling with imported sand to approximate the original contours. The sand generally complied with the grain size requirements in the specifications. Two samples from each import source were collected of each sand material imported to the site. Analytical results are provided in Appendix A. The imported sands originated from Midwest Aggregate in Antioch, and laboratory results indicated these sands met Tiered Approach to Cleanup Objective (TACO) Tier 1 remediation objectives for residential properties. Seed and nutrient fabric, including a mix of dune seeds, was planted as specified in the design for Area 5. The endangered plant seaside spurge was transferred back to the dune

area as part of site restoration. Portions of Area 5 were not restored because of need for additional remediation within that area following completion of the supplemental design.

Restoration activities within the Dune Area (Area 5) that included installation of sand and a seed-impregnated fabric occurred in October 2010.

3.0 PERFORMANCE STANDARDS AND CONSTRUCTION QUALITY CONTROL

The performance standards and construction quality control (QC) measures included an evaluation of compliance with the bid specifications and design documents. Activities were evaluated as required to ensure that removal objectives had been achieved, that waste materials had been properly characterized prior to transportation and offsite disposal, and that proper disposal or recycling of waste generated by remediation activities had occurred.

Sampling occurred to determine the extent of soil contamination prior to remediation, and also to identify areas requiring additional remediation. Information regarding sampling during the supplemental investigation appears in the associated technical memoranda. Confirmation sampling was also conducted during the remediation activities. Sample analysis by Test America accorded with the Quality Assurance Project Plans (CH2M Hill 2009, SulTRAC 2009). QC/quality assurance (QA) samples were collected during remediation, and Level IV data quality packages were provided by Test America and reviewed by SulTRAC. Data were found to meet data quality objectives.

Air monitoring was conducted at the site perimeter during demolition activities to ensure compliance with National Ambient Air Quality Standards (NAAQS). Samples were collected in accordance with the approved quality assurance project plan (QAPP) using PM10 samplers. Air flow was calibrated and data were summarized in field logbooks, with recordings of start and end times and start and end air flows as verified by calibration. Samples were analyzed by STAT Analysis Corporation for PM10. SulTRAC evaluated data packages and found that the data were acceptable for use. Laboratory data packages for air samples are provided in Appendix D, along with a summary table presenting an analysis of results. Results indicate that National Emission Standards for Hazardous Air Pollutants (NESHAP) fence-line objectives were achieved during remediation activities.

A meteorological recording station was constructed at the site to gather meteorological data during the Phase II remediation. The data were used to compute the flow volumes of the PM10 samplers.

Additional meteorological data were collected as specified in the design, to be used for air modeling in the event of a NESHAP fence-line exceedance.

Health and safety monitoring occurred during demolition activities. A field dust monitor was used to compare respirable dust concentrations with site-specific exposure limits. When in use, the aerosol monitor was calibrated daily. SulTRAC also conducted personnel air monitoring for PCBs during remediation activities in the ODC Area. Air samples were submitted to Galson Laboratories, and results were reviewed by SulTRAC and found to meet data quality requirements.

Daily field reports documented each day's activities. Weekly status meetings evaluated work progress and identified any safety or work concerns. Daily field reports are provided in Appendix F. Photographs were taken to document all phases of remediation activity. This photographic log is provided as Appendix G.

4.0 CONSTRUCTION ACTIVITIES

Four main construction activities included concrete slab removal and concrete management, soil remediation, sediment remediation, and air monitoring. Other activities also were required to successfully meet design objectives.

4.1 SLAB REMOVAL AND CONCRETE MANAGEMENT

Concrete slab removal occurred as follows: removal of non-TSCA concrete in the Plant 2 slab, removal of TSCA concrete in the ODC portion of the Plant 2 slab, and removal of non-TSCA concrete in the New Smelter Slab Area. Removal of subslab concrete also occurred where required by the design or as necessary to complete soil remediation.

Concrete slab removal was achieved by first breaking up the surface using a combination of a Thumper, concrete breakers, percussive hammers, and excavators. Once concrete was removed, it was broken into workable sized pieces with hydraulic shears or by other means, such as dropping sections onto the concrete surface.

In the non-TSCA area, concrete was further processed by use of an onsite crusher. Concrete was loaded into a crusher, and rebar was removed using a small bobcat during the crushing activities. After crushing, concrete was stockpiled on the slab until sufficient quantities were available for offsite disposal. Crushed concrete from the non-TSCA portion off the site was transported offsite for disposal as non-hazardous waste at Veolia's Landfill in Zion, Illinois.

In the ODC area, concrete was broken into small pieces using a track-hoe equipped with hydraulic shears, and was stockpiled until sufficient quantities were available for offsite disposal. This concrete was managed as TSCA waste within the ODC Area before transport offsite and disposal at Heritage's TSCA-compliant landfill in Roachdale, Indiana.

Concrete from the New Smelter Slab Area was managed in a manner similar to that in the non-TSCA area. However, after pulverization into less than 3-inch-diameter segments, the material was reused as fill in the ODC Area.

In addition, on the eastern portion of the site, the City had previously stockpiled concrete derived from demolition and crushing of the subslab. This material was used as fill in the ODC Area.

Table 1 summarizes the quantities and dispositions of concrete material.

TABLE 1 - SLAB MATERIAL DISPOSITION

Material Description	Design Estimate	Actual Quantities	Disposition
Non-TSCA Concrete Slab and Subslab	17,280	25,100	Disposal at Veolia Landfill in Zion, Illinois
TSCA Concrete	6,720 tons	14,700 tons	Disposal at Heritage TSCA-compliant landfill in Roachdale, Indiana
TSCA Concrete with Asbestos- Containing Material	0	73 tons	Disposal at Heritage TSCA-compliant landfill in Roachdale, Indiana
Smelter Slab Concrete	None	6,589 tons	Reuse in ODC
Recycle Steel	None	<100 tons	Recycle, Gary Works
Stockpiled City Crushed Slab Material	None	9,866 cubic yards	Reuse in ODC

Notes:

TSCA Toxic Substances Control Act

ODC Old Die Casting Area

See Appendix C for waste manifests and Appendix H for waste trucking log summaries.

4.2 SOIL REMEDIATION

Soil remediation activities included excavation of soil in the footprint of the former site building and within defined remediation areas (Areas 1, 2, 4 through 14, and the Smelter Slab Area).

The Plant 2 building footprint was first investigated to determine the extent of excavation required under the slab. The slab was subdivided into 50-foot grids, and each grid was assigned a number for the purpose of sampling and remediation. An alphabetic (A through Q) designator was used from north to south, and a numeric designator (1 through 24) was used from west to east. Subslab sampling included the Trim Building Subslab, which extends farther to the east, but this area was left intact for use in the upcoming harbor remediation work.

As specified in the design, SulTRAC attempted to identify clean subslab soil for reuse as fill onsite. Sampling identified some areas that seemed to meet remediation objectives. This soil was isolated and managed as clean soil, graded, and then stockpiled during remediation. However, subsequent sampling of this soil determined that it did not meet site remediation objectives for PCBs—pockets of PCB contamination were present, perhaps from subsurface piping or as a result of unidentified releases; therefore, most of this material was removed from the site as contaminated.

Excavation proceeded using track-hoe excavators first in the non-TSCA portion of the plant to prevent recontamination of other areas. Soil was generally direct-loaded to trucks for offsite disposal, but some working stockpiles were created within the limits of each contaminated area, and trucks were loaded from the stockpiles.

Excavation in defined remediation areas (Areas 1, 2, and 4 through 14) proceeded by first excavating to the design depth. Confirmation sampling results then indicated whether further excavation would be necessary, and if so, that further excavation would be followed by confirmation sampling, and so on, iteratively, until sampling results of the remaining soil indicated it below benchmarks for target analytes and TSCA criteria. Soil from these areas was generally direct-loaded to trucks for transportation offsite as non-hazardous waste.

Soils above TSCA criteria were identified within the ODC area, within areas on the eastern portion of the Plant 2 slab, in the new smelter slab building subslab soil, and within Areas 7, 10, 12, and 13 on the

eastern side of the site. Where soil exceeding TSCA criteria was defined, the area was excavated; surrounding areas were also tested to prevent identification of soil exceeding TSCA criteria as non-hazardous. These areas were managed as TSCA waste until confirmation sampling that would indicate whether the soil exceeded TSCA criteria.

Soil was excavated until confirmation samples met remediation objectives (1 part per million PCBs, and 2 parts per million PAH) or the excavation depth exceeded the groundwater table. Where confirmation soil samples indicated that soil still exceeded the TSCA criteria below the water table, re-excavation to remove TSCA soil was attempted. Soil excavation resulted in removal of all soil exceeding TSCA criteria except within the ODC area, the north end of Area 5, and in one grid within the New Smelter Slab Area. Confirmation sampling results indicated very high concentrations of PCBs in samples from the ODC Area, suggesting that contamination likely extends to depth in that area, and thus rendering conventional excavation infeasible. As a result, SulTRAC, EPA, and the Illinois Environmental Protection Agency (IEPA) agreed to manage this material in place under a temporary cap until a supplemental design could be developed. The temporary cap consists of the recycled concrete from the New Smelter Slab and the former city-crushed concrete piles from the eastern plant. The residual TSCA material in Area 5 and the New Smelter Slab will be addressed as part of the supplemental remediation.

Figures 6 through 21 show locations of soil remediation areas, and list final confirmation sampling results. Table 2 summarizes dispositions of soil generated during remediation activities. Tables are provided in Appendix A summarizing confirmation results.

TABLE 2 - SOIL DISPOSITION

Material Description	Design Estimate	Actual Quantities	Disposition
Non-hazardous soil from Plant 2 sub-slab Area and defined removal areas 1, 2, 4, and 6 through 14	108,033 tons	279,085 tons	Offsite disposal at Veolia Landfill in Zion, Illinois
TSCA soil from Plant 2 sub-slab Area and defined removal areas	7,970 tons	38,495 tons	Offsite disposal at TSCA- compliant Heritage landfill in Roachdale, Indiana
Non-hazardous soil from Dune Area (Area 5)	6,006 tons	16,449 tons	Offsite disposal at Veolia Landfill in Zion, Illinois

Notes:

TSCA Toxic Substances Control Act
See Appendix C for waste manifests and Appendix H for waste trucking log summaries.

4.3 SEDIMENT REMEDIATION

Sediment remediation was conducted within two areas of the site: the North Ditch (Area 3) and the South Ditch. Sediment remediation activities consisted of temporary dewatering of the ditches, followed by excavation and bulking of the sediment to meet disposal requirements.

In the North Ditch, a temporary berm was created on the eastern site boundary using clean sand. Trash pumps were then placed in the upstream portion of the ditch, and the water level was drawn down over a period of several days. Water was temporarily managed after filtration in the onsite retention basin. A bladder was inserted in the retention basin overflow pipe to prevent discharge to the North Ditch during this activity. After the ditch had been dewatered, a bulldozer was used to move sediment to a central location within the ditch. The sediment was then removed with an excavator and mixed with cal-cement until it met landfill free liquid disposal limits. The North Ditch was remediated to an elevation of 577 feet msl in accordance with design criteria. Water stored in the retention basin was discharged to the site after filtration and testing for PCBs. Confirmation samples from the base of the North Ditch did not achieve remediation objectives, and further remediation is planned as part of supplemental remediation activities. Figure 9 shows the confirmation sample results for the North Ditch.

A similar approach was used to remediate sediments in the South Ditch, with the following differences:

Iterative removals using an excavator to remove sediment followed by confirmation sampling were applied to achieve remediation objectives. Moreover, the dewatering activities did not require uses of the retention basin or a temporary berm. Water was discharged back to the open excavation in Area 7 after filtration, and no water was discharged off the site. Figure 20 shows the confirmation sample results for the South Ditch. Table 3 summarizes dispositions of the sediment.

TABLE 3 - SEDIMENT DISPOSITION

Material Description	Design Estimate	Actual Quantities	Disposition
Non-hazardous sediment from the North Ditch	4,752 tons	5,411 tons	Offsite disposal at Veolia Landfill in Zion, Illinois
Non-hazardous sediment from the South Ditch	1,358 tons	1,471 tons	Offsite disposal at Veolia Landfill in Zion, Illinois

Note:

See Appendix C for waste manifests and Appendix H for waste trucking log summaries.

4.4 AIR MONITORING DURING REMEDIATION

SulTRAC conducted air monitoring during remediation activities that included (1) personal dust monitoring and (2) periodic perimeter PM10 sampling.

Periodic perimeter PM10 sampling was conducted weekly, during site dry conditions. No samples were collected during weeks of daily precipitation. Figure 21 shows the air monitoring station locations. The PM10 samples were collected using Volumetric Flow Controlled (VFC) PM10 Monitors for Ambient Air obtained from TISCH Environmental, Inc., of Cleves, Ohio. Five PM10 sampling units were established at the site perimeter: at the midpoint of the property boundary, and on the north (AS-N1), east (AS-E1), west (AS-W1), and south (AS-S1). One duplicate PM10 unit was established adjacent to the south unit and labeled AS-S1D. The units operated at a flow rate of approximately 1.13 cubic meters continuous. The samples were collected on micro-quartz filter media obtained by STAT Analytical Corporation of Chicago, Illinois. The PM10 sample units AS-N1, AS-E1, and AS-W1 were powered with portable generators. Units AS-S1 and AS-S1D were powered with electricity from the site temporary supply. The air monitoring supporting data are provided in Appendix D.

Table D-1 in Appendix D summarizes the laboratory analytical results and the calculated concentrations based on the PM10 unit flow rate. A few isolated exceedances of the NAAQS occurred during soil remediation activities, but these exceedances were attributed to generator malfunction or extreme wind conditions, not to site conditions.

Meteorological data were obtained from a weather station established on the south central portion of the site. The weather station recorded at both 2 and 10 meters above ground surface the horizontal and vertical wind speeds, wind direction, and temperature. In addition, the weather station recorded date, time, and solar radiation. Data from the weather station were used to compute the VFC flow rates during sampling intervals, and were recorded in the event air modeling would be warranted. The meteorological data are provided in Appendix I.

4.4 OTHER ACTIVITIES

Other remediation-related activities included removal and treatment of the tunnel water, restoration of the Dune Area, removal of an UST, management of petroleum accumulating in excavation areas, and management of sludges encountered within piping and subsurface structures.

Removal and treatment of tunnel water was specified as a discrete task in the Basis of Design (CH2M Hill 2009), assuming that the tunnel system contained highly contaminated residuals and that the tunnels were intact. Testing of tunnel water identified only minor contamination, but a distinct purple coloration was noted in tunnel water. SulTRAC used an alternative approach to manage this water that involved pumping the water through a granular activated carbon (GAC) treatment train to remove PCBs. Removal of PCBs was effective, but the purple discoloration remained after treatment. Moreover, the tunnel water was noted in direct contact with groundwater, and the tunnels refilled even if the water was pumped at a high rate. An applied onsite screening method led to identification of the purple staining as permanganate. The purple staining was observed also in soil and groundwater throughout the ODC area—it was not confined to the tunnel system. As a result, removal and treatment of tunnel water was discontinued.

An approximately 3,000-gallon UST was identified in Grid L-6 during removal of subslab soils. The UST was filled with lean cement and had a solvent odor. The UST and UST contents were removed and managed as contaminated, along with soil remediation wastes.

Personnel encountered petroleum product while excavating soils in the LNAPL area (within the north-central part of the Plant 2 slab, as identified in the CH2M Hill RI [CH2M Hill 2006a]). This portion of the excavation proceeded below the water table, and free product was removed routinely within this area using a wet vacuum and sorbent booms. This activity took several months until the accumulation of material became minimal. The area then was backfilled to above the water table using recycled clean fill from the subslab area. The removed soil was tested and found to have non-TSCA concentrations of PCBs. This material was then managed with the soil remediation materials as non-hazardous waste.

Sludges were encountered in some portions of the site during soil remediation activities. The sludges and associated piping were generally managed as TSCA material and disposed of with the TSCA soil after mixing.

5.0 FINAL INSPECTION

Inspections were conducted periodically to document performance of activities in accordance with plans and in a safe manner. Inspections occurred at the beginning of abatement activities and upon completion of abatement in containment areas as the work progressed. Following completion of remediation activities, inspection was conducted by the SulTRAC residential engineer, the project manager, and IEPA and EPA representatives.

6.0 CERTIFICATION THAT REMEDY IS OPERATIONAL AND FUNCTIONAL

The remedy involved removal and offsite disposal of the concrete slab and subslab soils, removal of soil from defined remediation areas, and removal of sediment from the North Ditch and South Ditch. These activities have been completed, and all materials have been removed from the site and have undergone disposal or recycling in accordance with the design requirements. Exceptions include the ongoing supplemental remediation activities that will address the following: additional contamination in the New Smelter Slab Area, Area 5, and the North Ditch; and residual concrete. In addition, supplemental design activities are pending for managing contaminated residual soil in the ODC Area, contaminated soil present near utilities in Area 4, and possible contamination in the Utility Corridor at the west border of the site.

7.0 OPERATION AND MAINTENANCE

No requirement of operation and maintenance was specified in the design.

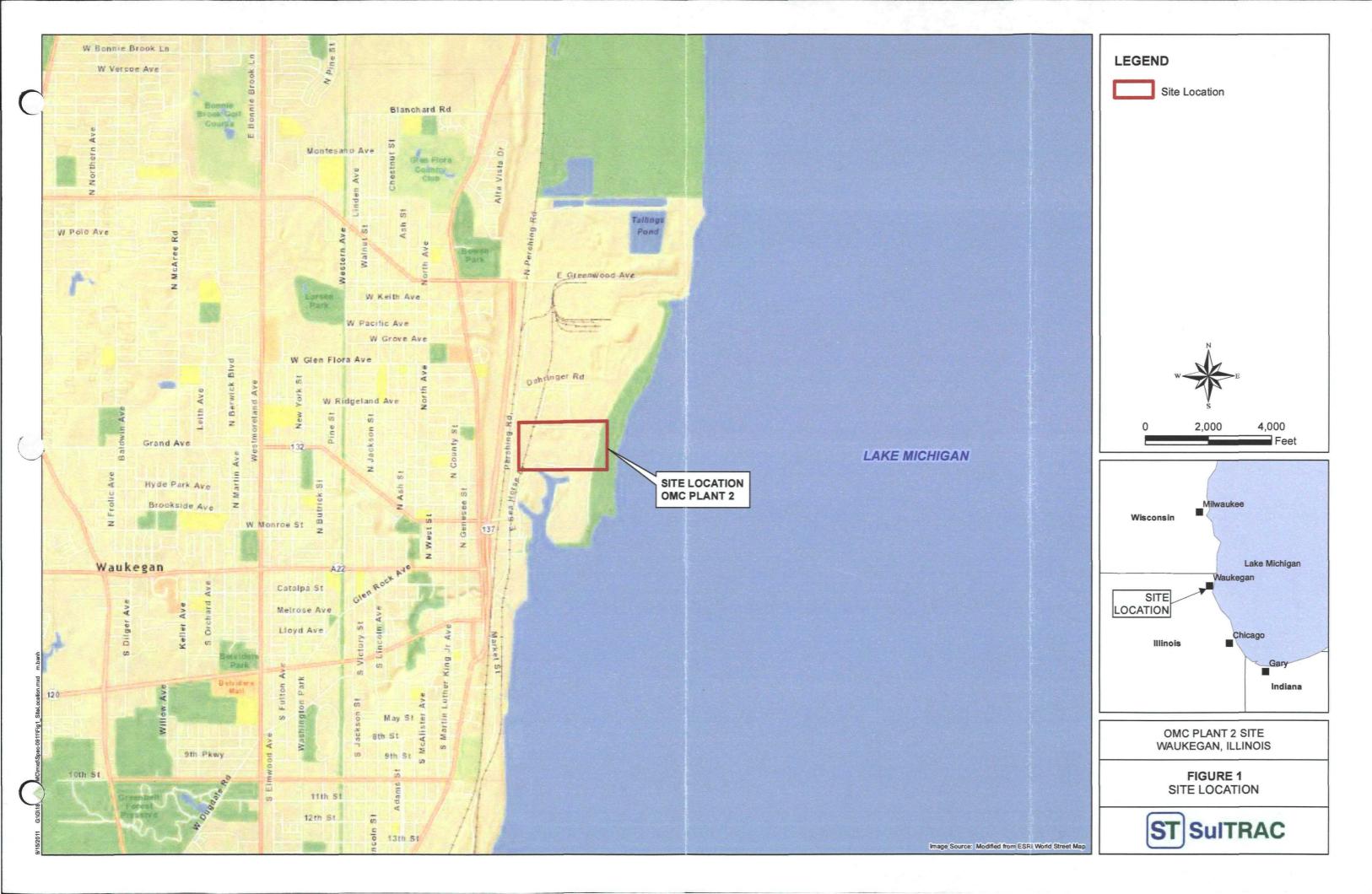
8.0 CONTACT INFORMATION

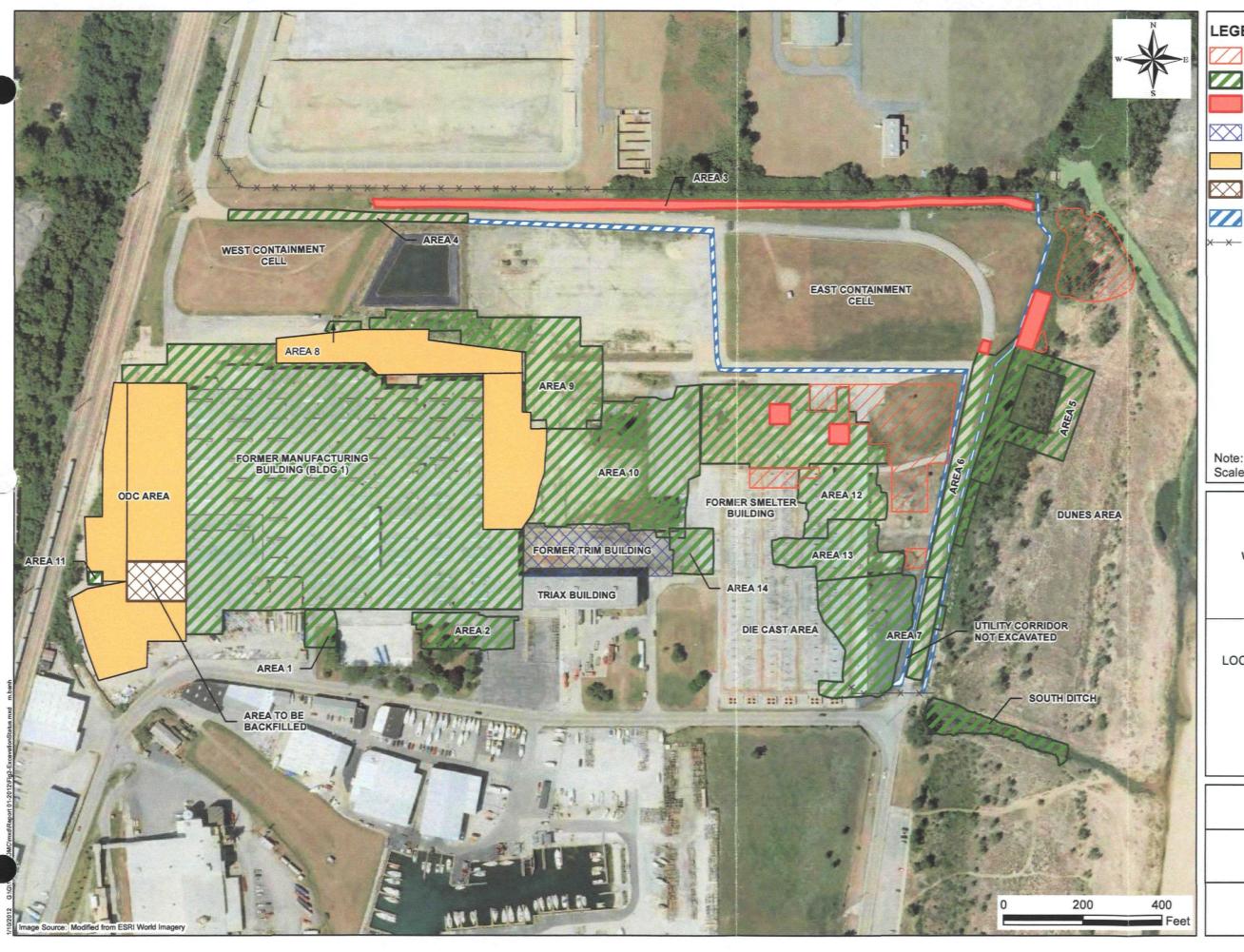
The contracts for this project include:

- Tim Drexler, USEPA Region 5, 77 W. Jackson Avenue, Chicago, IL 60604. 312-353-4367
- Tom Hahne, Project Manager, SulTRAC, 37th Floor, 1 S. Wacker Drive, Chicago, IL 60606 312 201-7474

9.0 REFERENCES

- CH2M Hill. 2006a. Remedial Investigation Report OMC Plant 2, Waukegan, Illinois. April.
- CH2M Hill. 2006b. Feasibility Study Report OMC Plant 2, Waukegan, Illinois. December.
- CH2M Hill. 2008. Basis Of Design Report For Remediation of Soil, Sediment, and Building Media, Final Design, OMC Plant 2, Waukegan, Illinois. June.
- CH2M Hill. 2009. Addendum to the Basis Of Design Report For Remediation of Soil, Sediment, and Building Media, Final Design, OMC Plant 2, Waukegan, Illinois. November.
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- SulTRAC. 2010a. South Ditch Sediment Sampling, Outboard Marine Plant 2 Site. August 3.
- SulTRAC. 2010b. Technical Memorandum, Slab and Subslab Investigation, Outboard Marine Plant 2 Site. August 9.
- SulTRAC. 2010c. Existing Dune Area Condition and Endangered and Threatened Species Plant Survey at OMC Plant 2 Site. August 26.
- SulTRAC. 2010d. Technical Memorandum, Subslab Supplemental Investigation, Outboard Marine Corporation. October 13.
- SulTRAC. 2010e. Biological Assessment for Outboard Marine Corporation Plant 2 Site Operable Unit 4. September 2.
- SulTRAC. 2011a. Supplemental Design Report, Area 3, Area 5, New Smelter Slab Area, and Concrete. September.
- SulTRAC. 2011b. Interim Remedial Action Report Demolition and Asbestos Abatement. OMC Plant 2 Site. August 2.
- SulTRAC. 2011c. Technical Memoranda, Supplemental Investigation of Areas 3, 4, 5, and 12, OMC Plant 2 Site. March 14.







Proposed Excavation Area

Remediation Complete

Additional Remediation Action Required

Additional Remediation Required
To Be Conducted By Others

Remediation Complete - Backfilled

Remediation Complete – Area To Be Backfilled With Crushed Concrete

Utility Corridor

× Fence

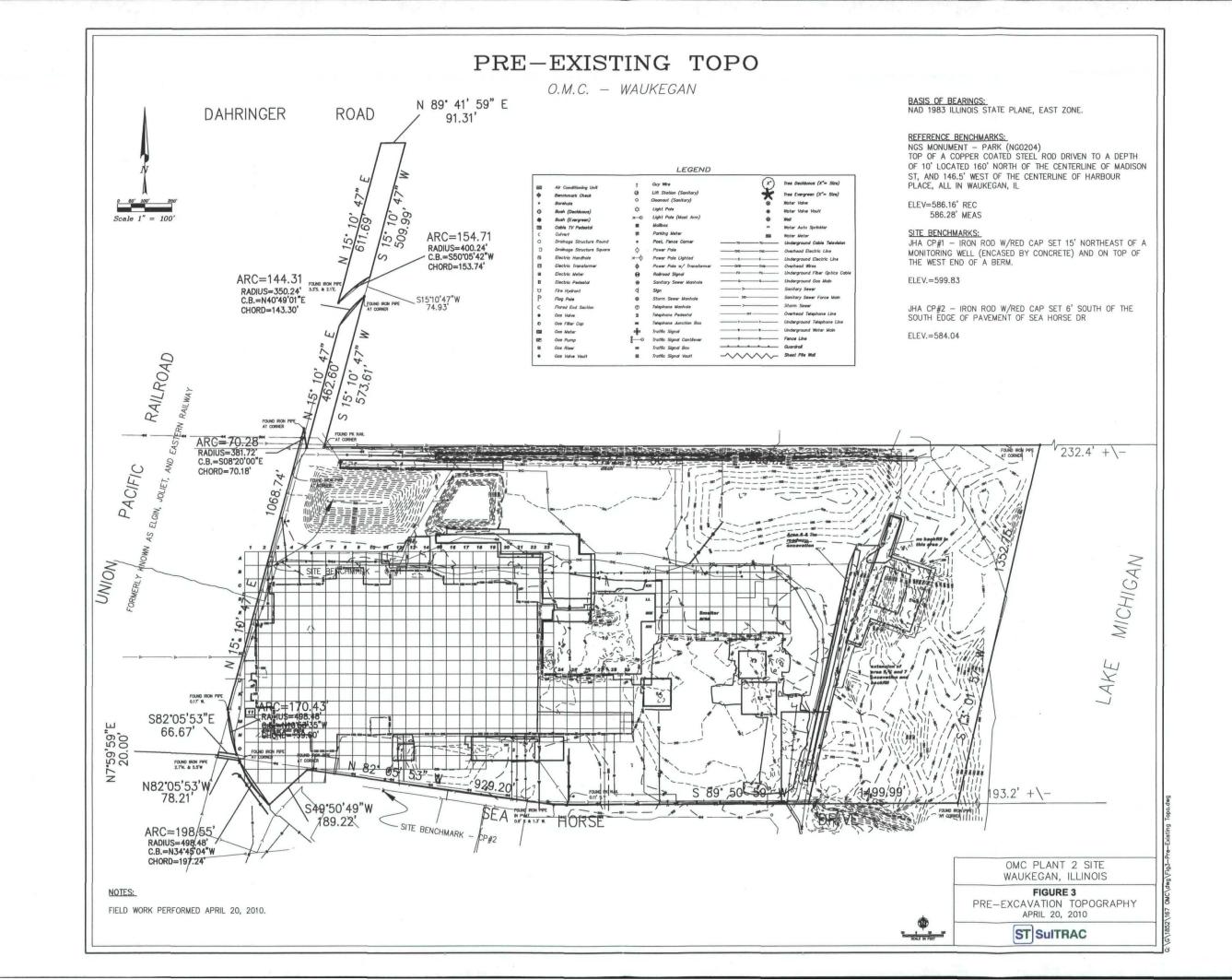
Scale of excavation and backfill approximate.

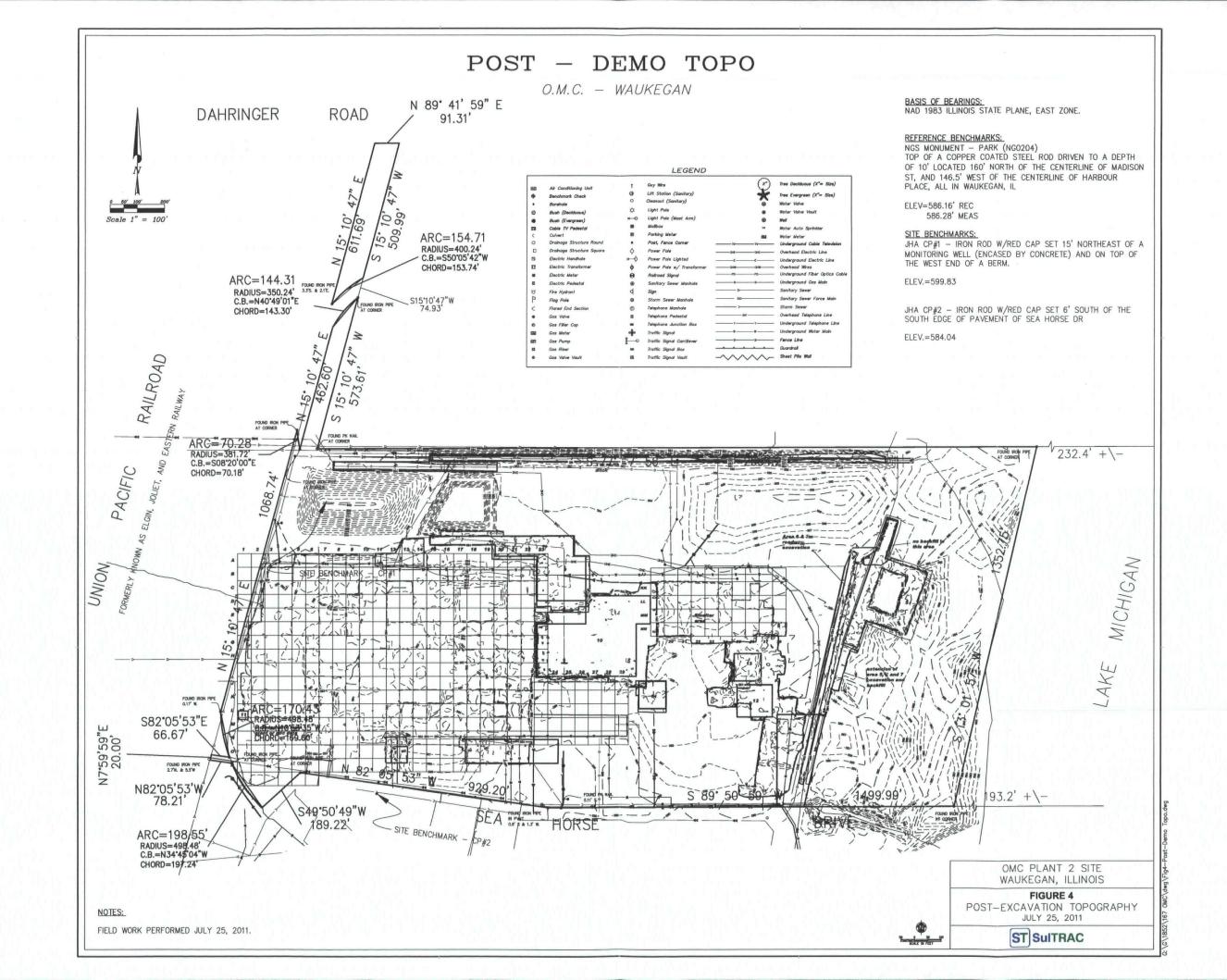


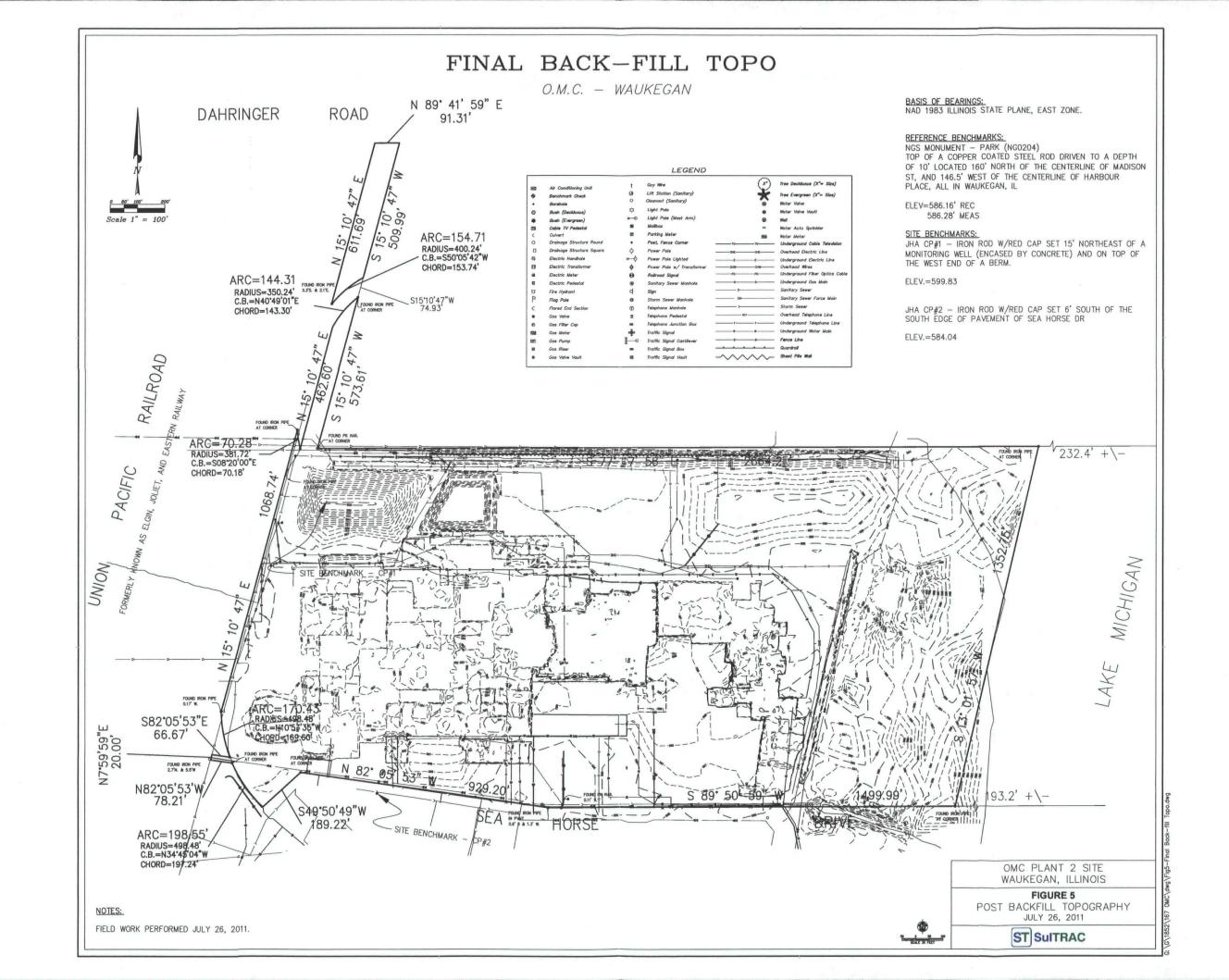
OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

> FIGURE 2 SITE LAYOUT

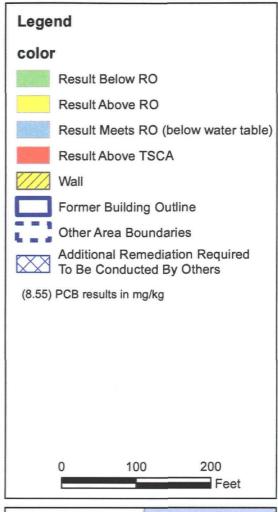










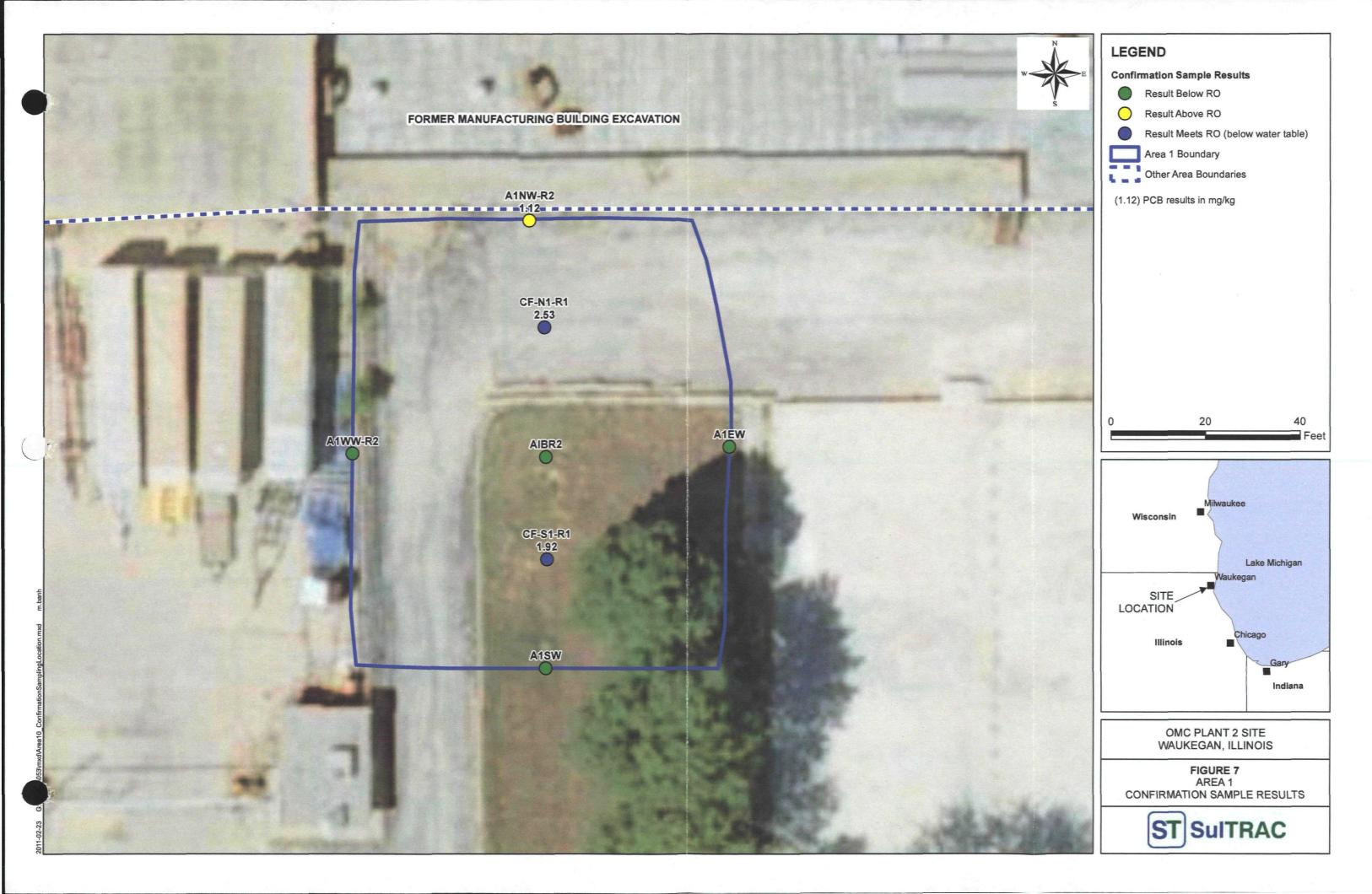


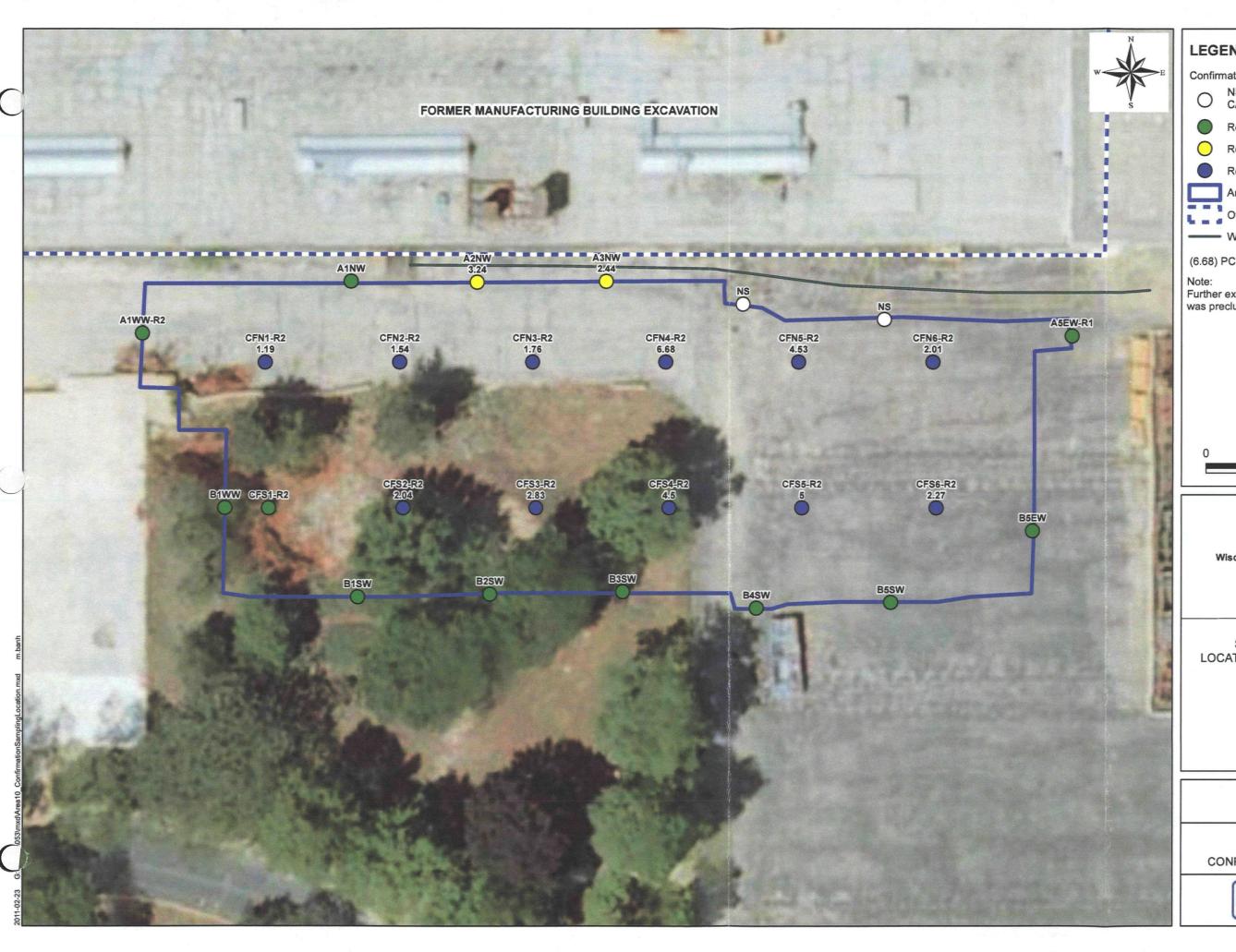


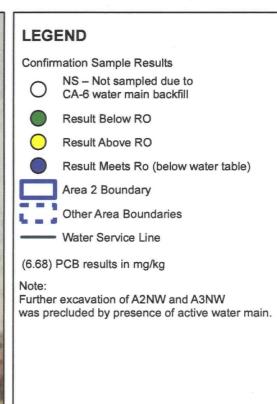
OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

FIGURE 6
BUILDING FOOTPRINT
CONFIRMATION SAMPLE RESULTS











25

50

OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

FIGURE 8
AREA 2
CONFIRMATION SAMPLE RESULTS





LEGEND

Confirmation Sample Results

Result Below RO

Result Above RO

Result Above TSCA

Area 3 Boundary

Other Area Boundaries

Other Area Doundaries

Additional Remediation Required
To Be Conducted By Others

East Containment Cell

Areas To Be Addressed In Supplemental Phase

(149) PCB Results in mg/kg

0 100 200 Feet



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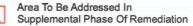
FIGURE 9
AREA 3
CONFIRMATION SAMPLE RESULTS





Confirmation Sample Results Result Below RO Result Above RO Result Above TSCA





(3.04) PCB results in mg/kg





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FIGURE 10

AREA 4

CONFIRMATION SAMPLE RESULTS





Confirmation Sample Results

Result Below RO

Result Above RO

Result Meets RO (below water table)

Result Above TSCA

Area 5 Boundary

Area 5 Re-Excavated

Other Area Boundaries

TSCA Cap To Be Installed

Utility Corridor

Proposed Excavation Area

(178) PCB results in mg/kg

Exceedances in north portion of Area 5 will be addressed in supplemental remediation.





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FIGURE 11 AREA 5 CONFIRMATION SAMPLE RESULTS





Confirmation Sample Results

- Result Below RO
- Result Above RO
- Result Meets RO (below water table)
- Result Above TSCA

Result Above RO Material Removed

Area 6 Boundary

Other Area Boundaries

Smelter Slab, Addit'l Remediation Req'd

TSCA Cap To Be Installed

Proposed Excavation Area

(7.5) PCB results in mg/kg

Area 6 west wall exceedances were not addressed due to presence of high pressures natural gas main.





OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

FIGURE 12 AREA 6 CONFIRMATION SAMPLE RESULTS





Confirmation Sample Results

Result Below RO

Result Above RO

Result Meets RO (below water table)

Area 7 Boundary

Other Area Boundaries

Utility Corridor

A Initial TSCA Excavation

(2.48) PCB Results in mg/kg

Area 7 exceedances were not addressed due to presence of high pressure natural

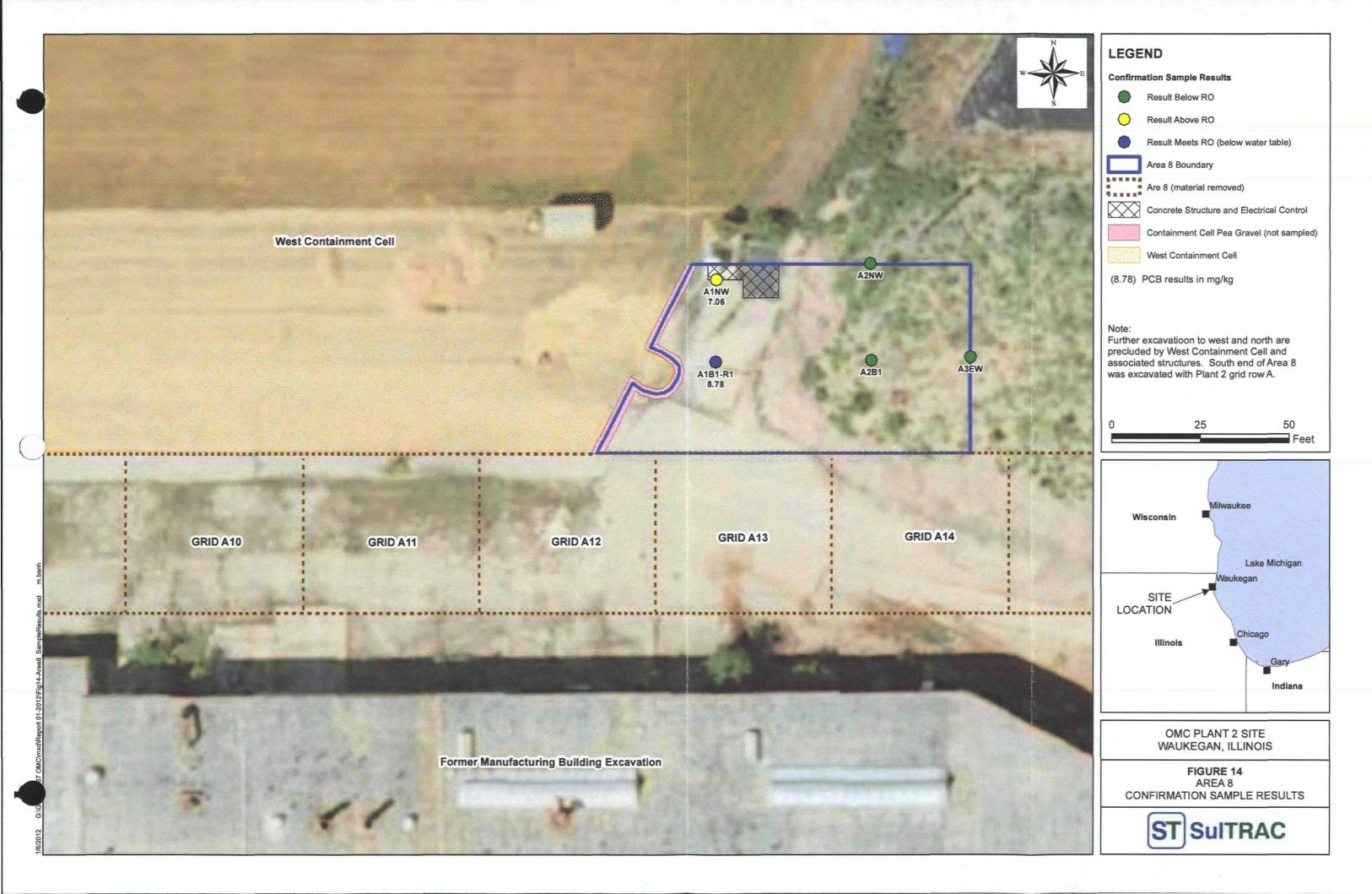
80 Feet

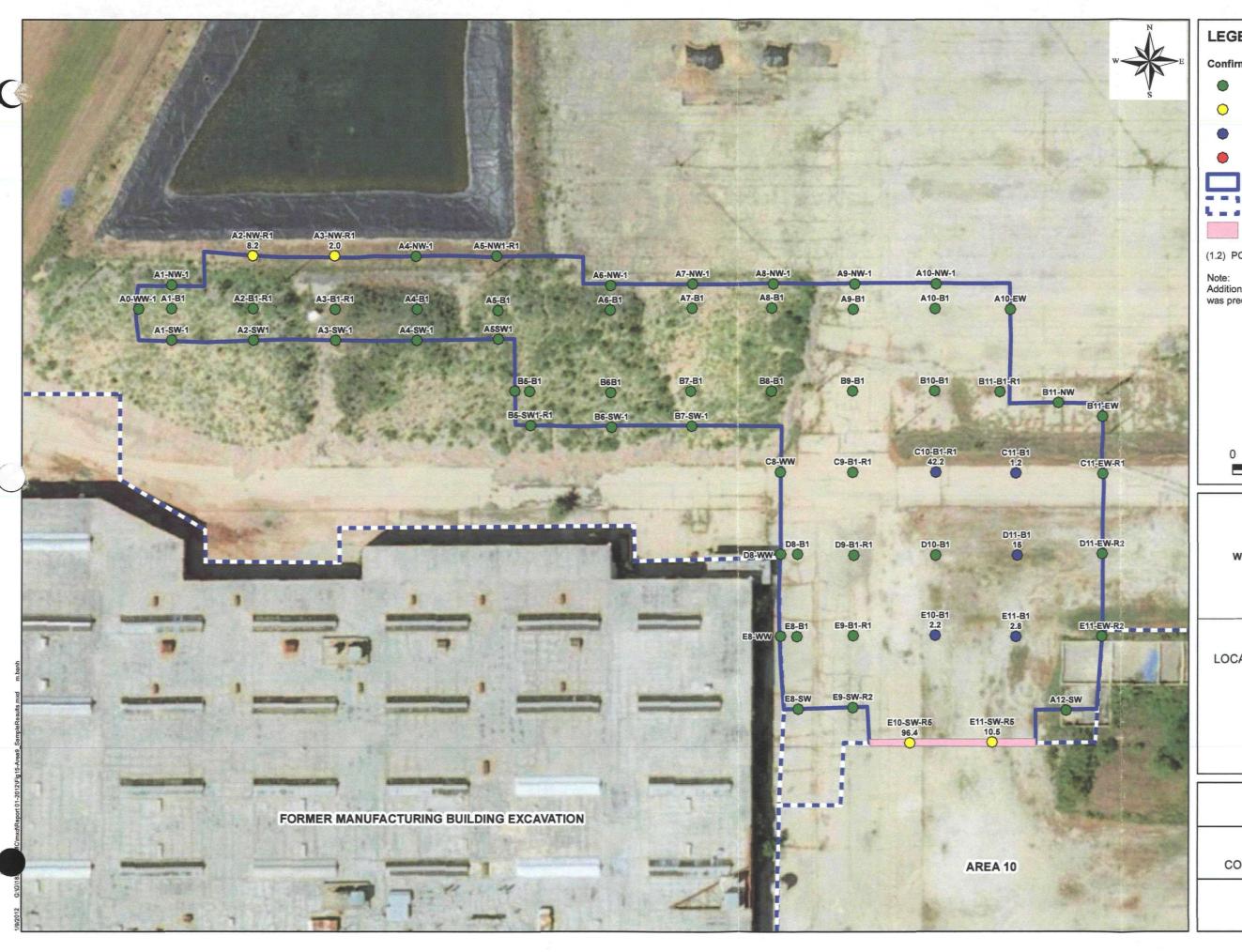


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FIGURE 13 AREA 7 CONFIRMATION SAMPLE RESULTS



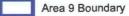




LEGEND

Confirmation Sample Results

- Result Below RO
- Result Above RO
- Result Meets RO (below water table)
- Result Above TSCA



Other Area Boundaries

Material Removed

(1.2) PCB Results in mg/kg

Additional excavation at A2NW-R1 and A3NW-R1 was precluded by presence of retention basin.

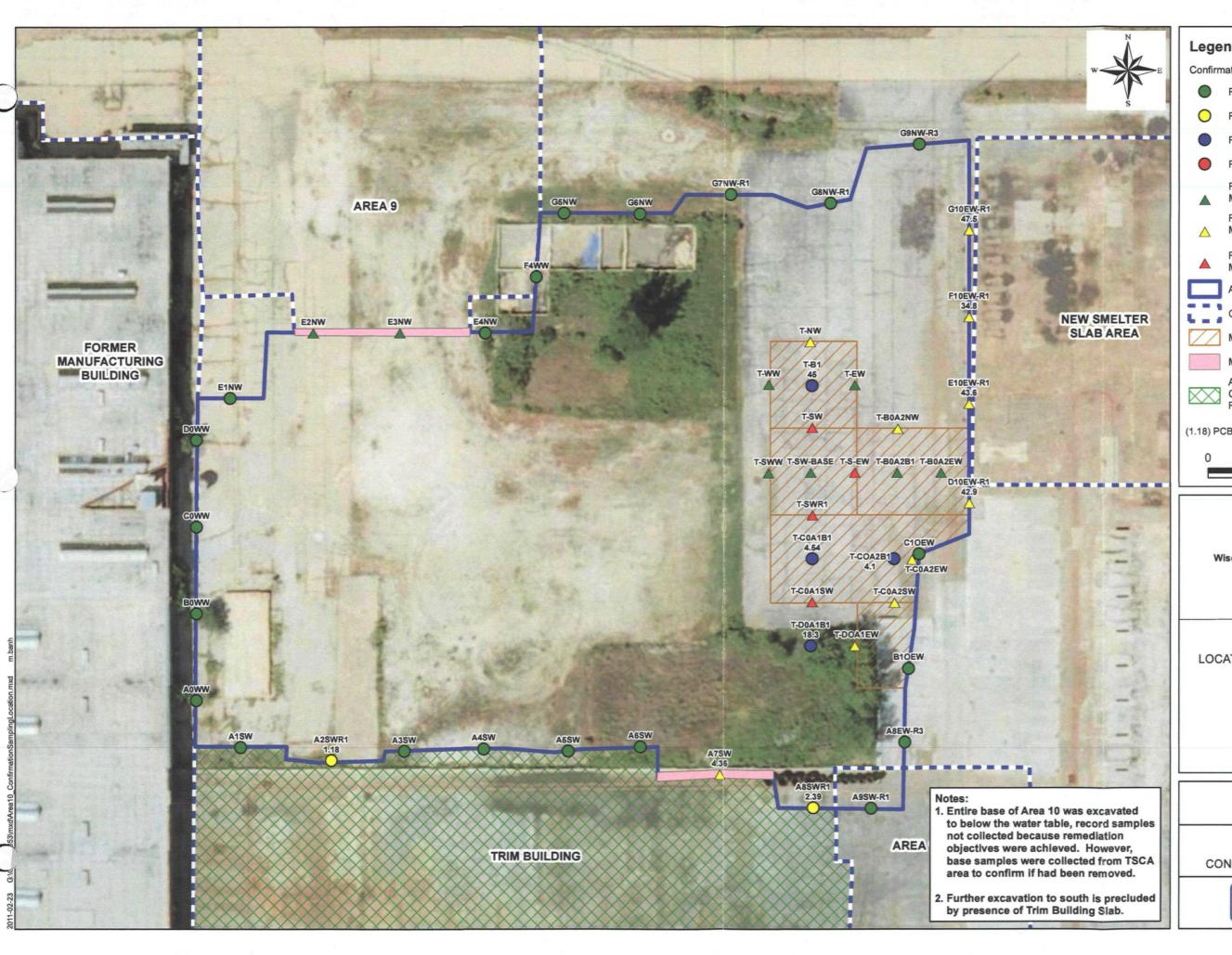


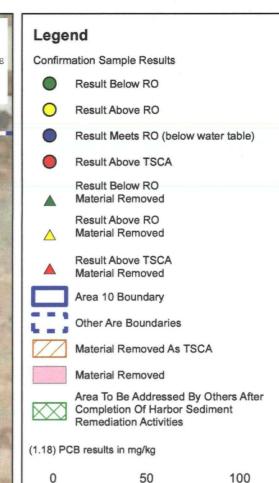


OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

FIGURE 15 AREA 9 CONFIRMATION SAMPLE RESULTS







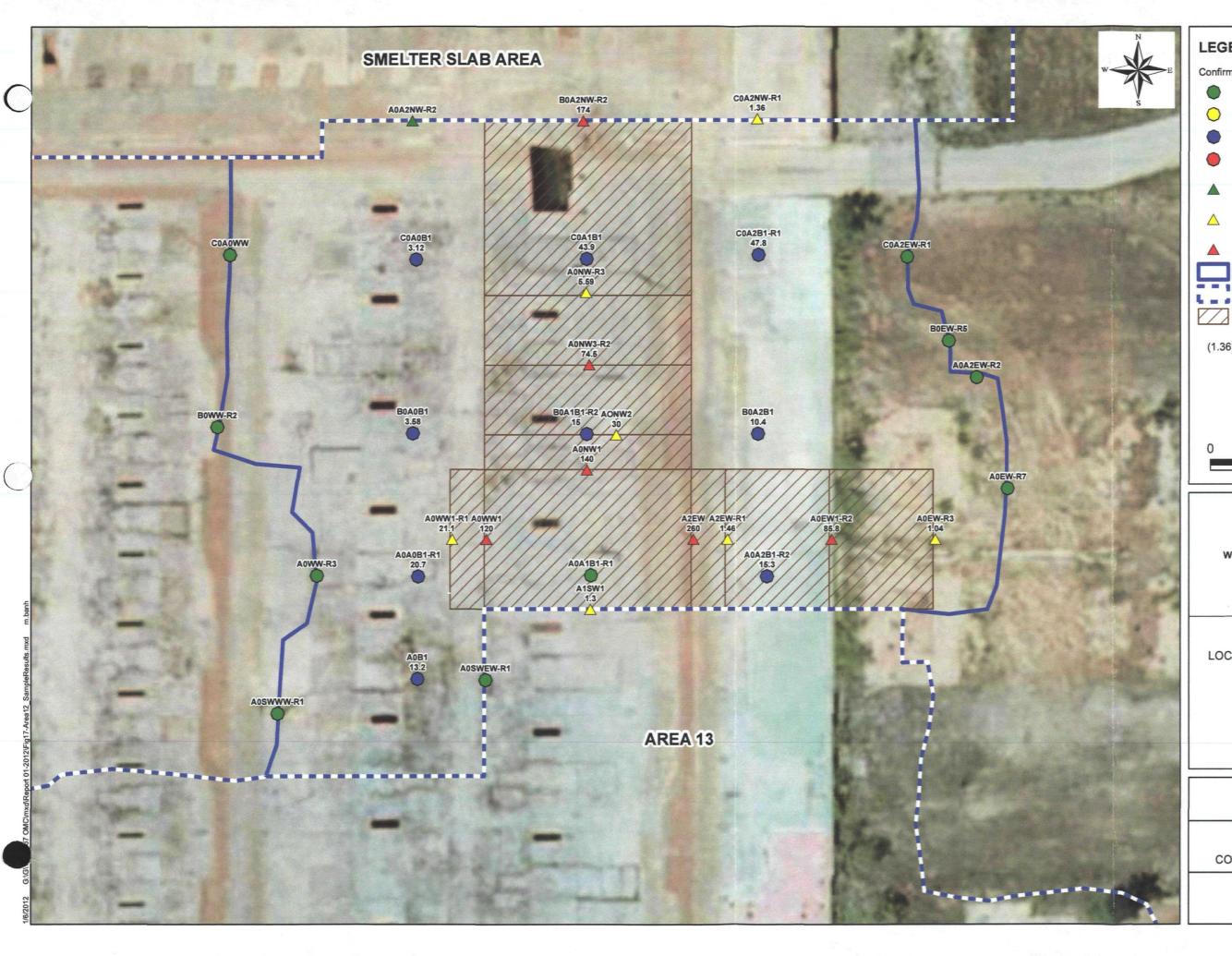


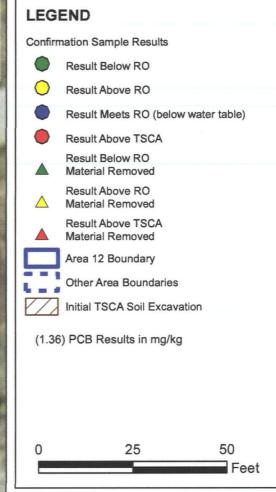
Feet

OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

FIGURE 16
AREA 10
CONFIRMATION SAMPLE RESULTS





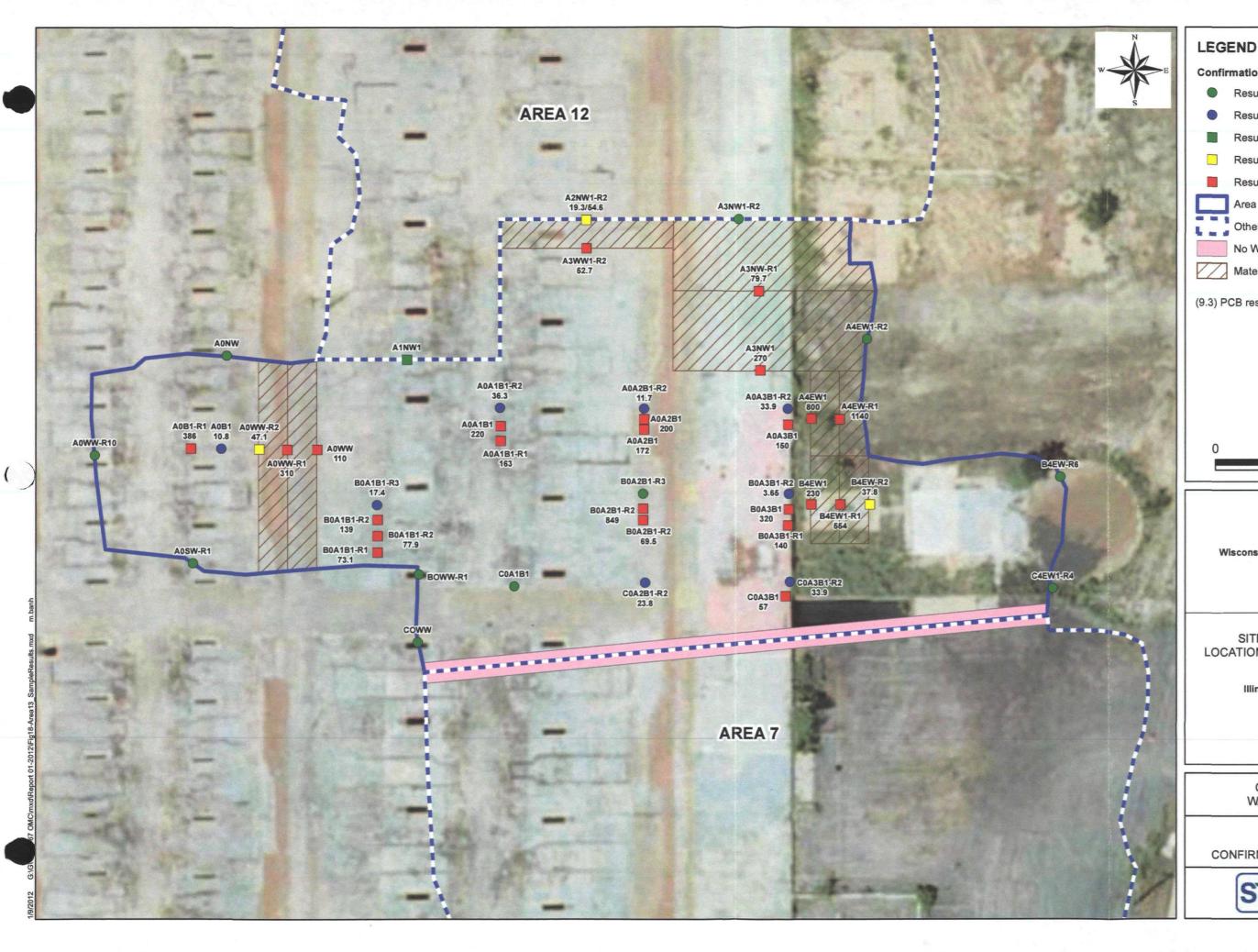


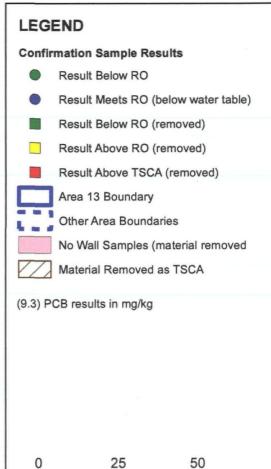


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FIGURE 17
AREA 12
CONFIRMATION SAMPLE RESULTS







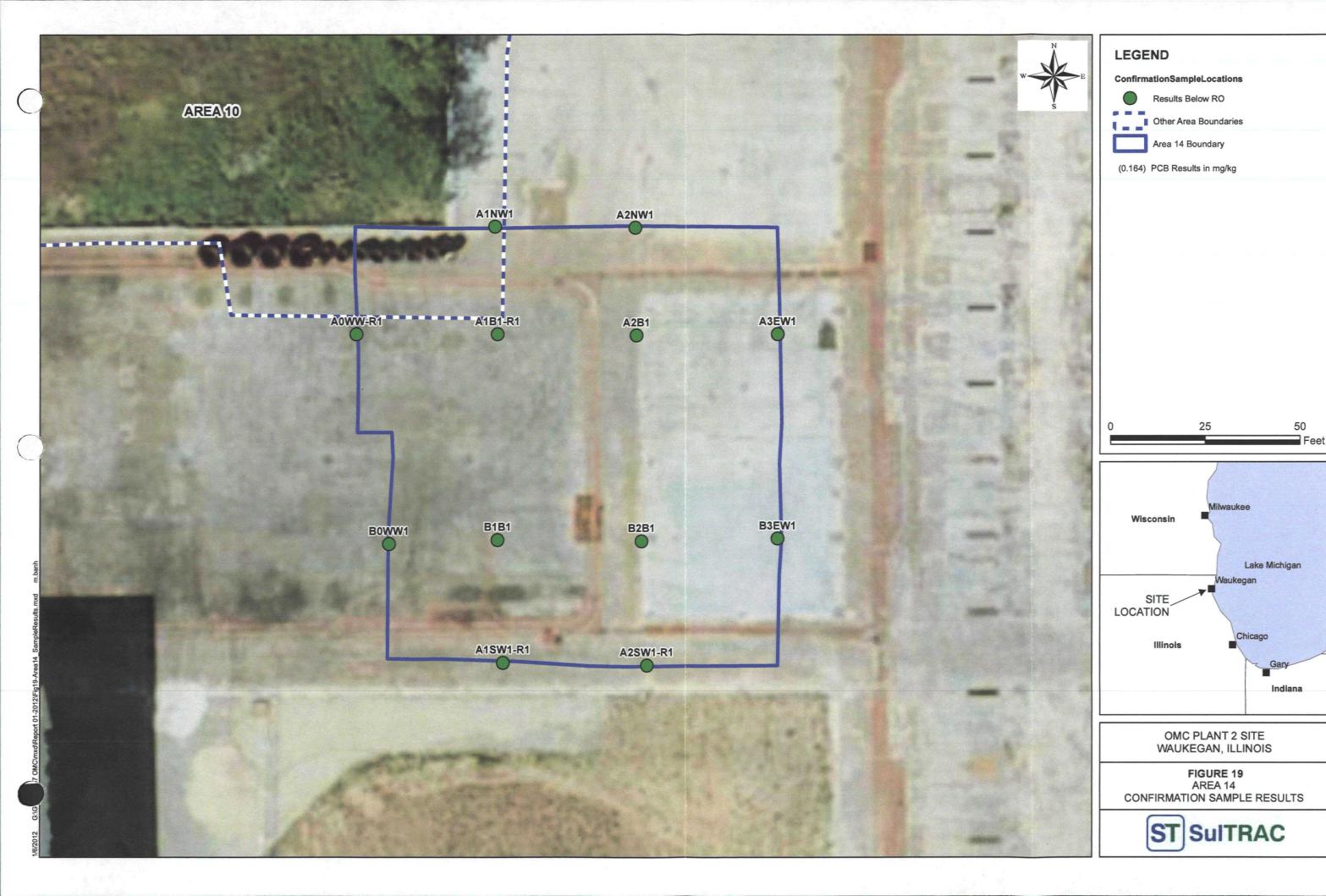


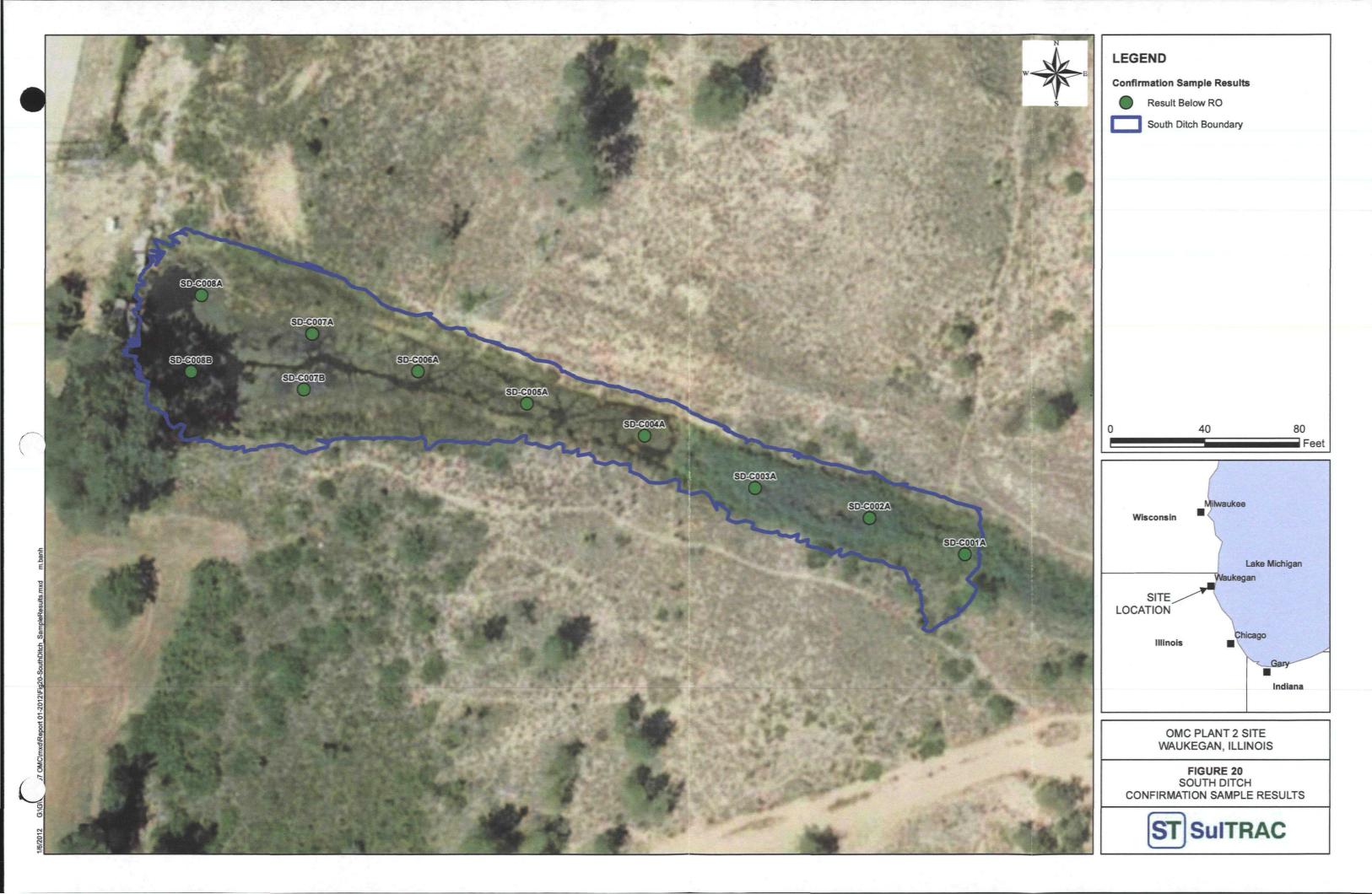
Feet

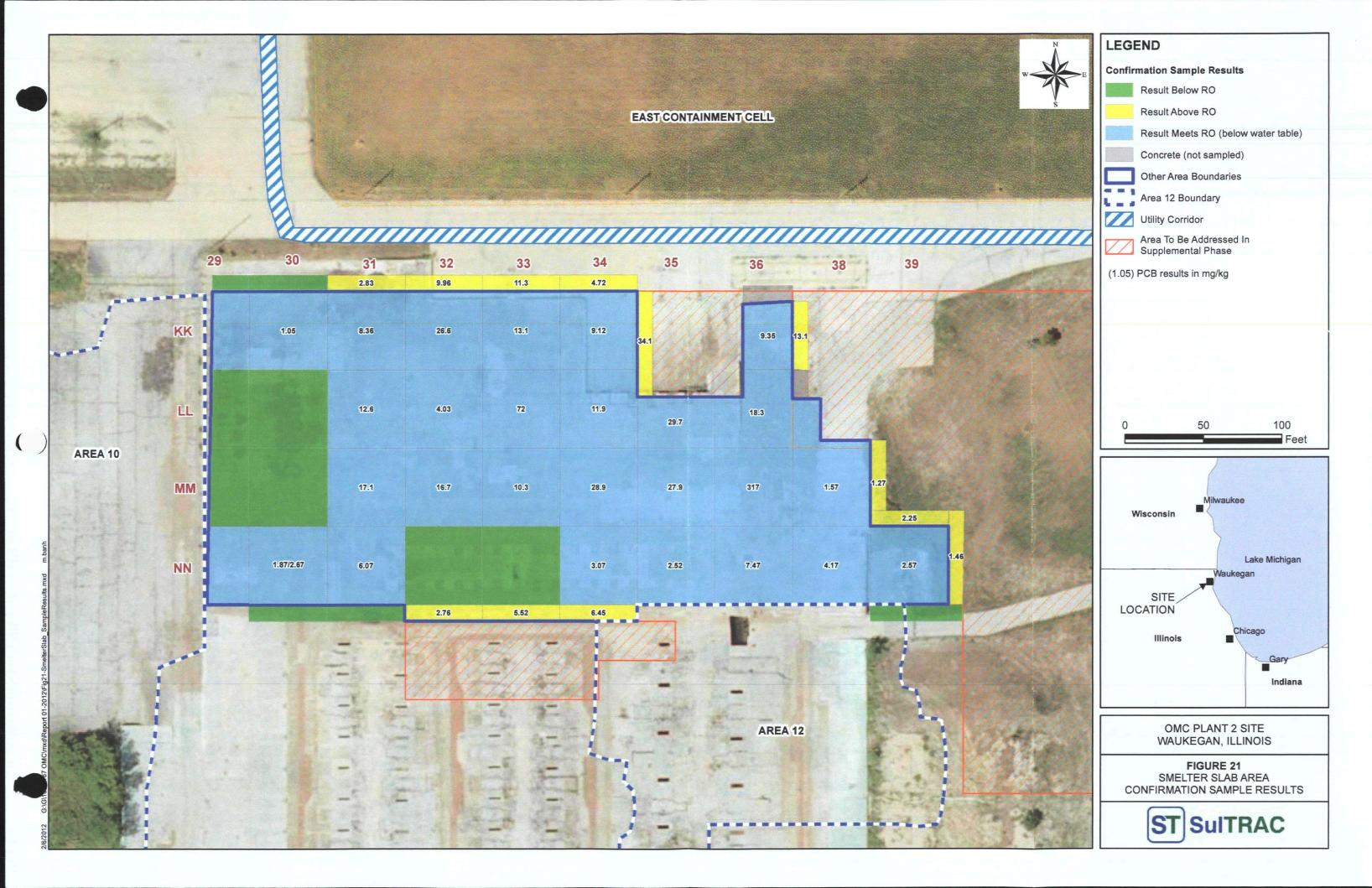
OMC PLANT 2 SITE WAUKEGAN, ILLINOIS

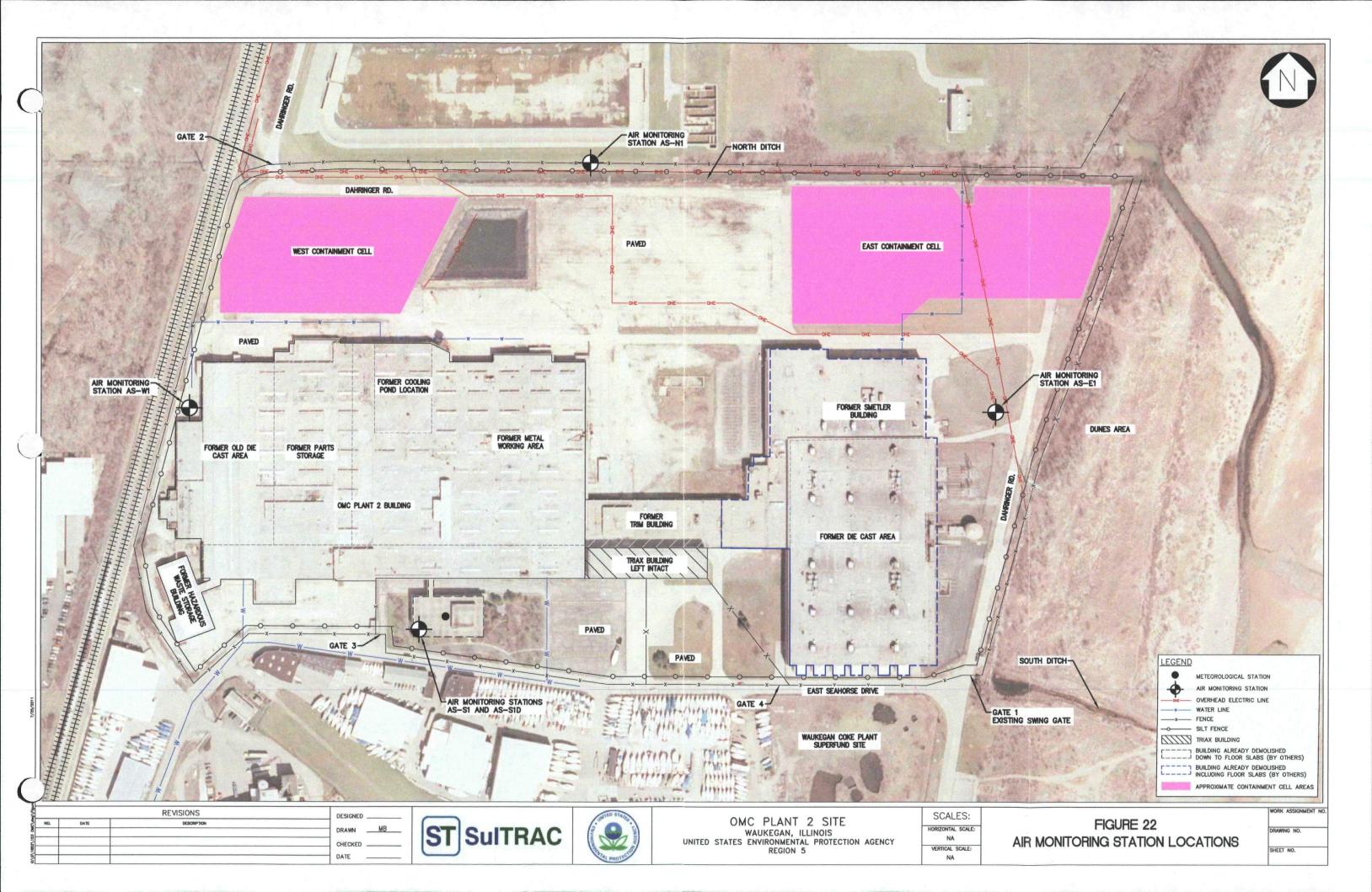
FIGURE 18
AREA 13
CONFIRMATION SAMPLE RESULTS

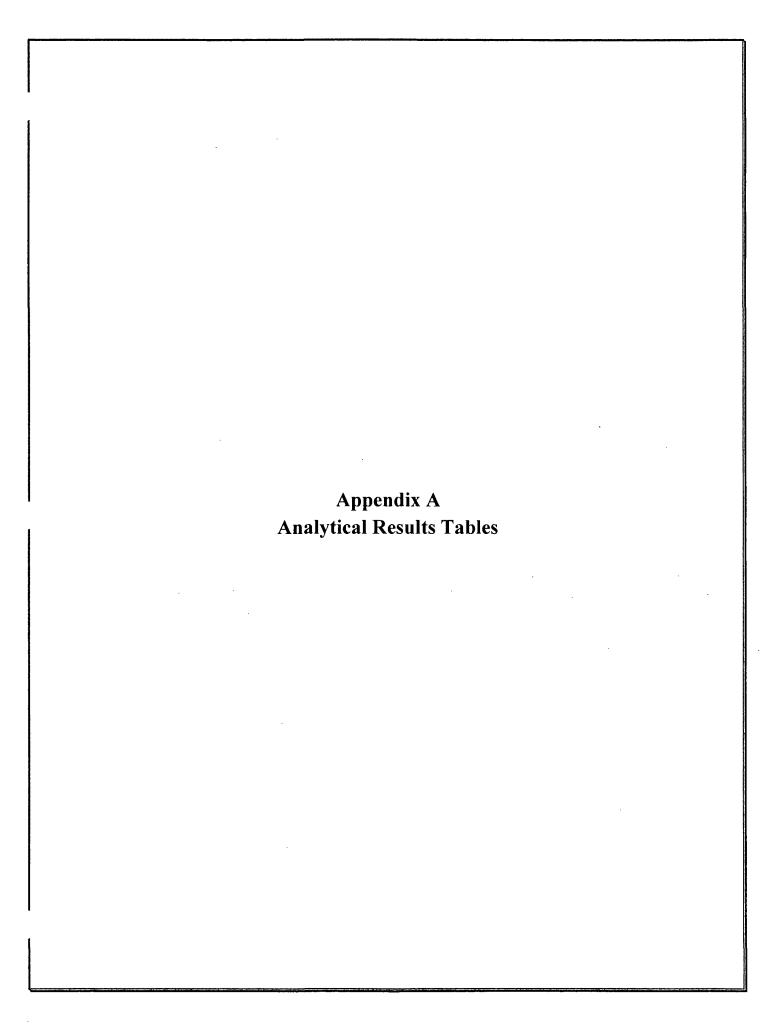












GRID	Status	Sample ID	Samples	Data	PCB	Sample ID	Samples	Data	PCB	Sample ID	Samples	Data	PCB	Sample ID	Samples	Data	PCB	Sample ID	Samples	and the second second	PCB
		- Campio is	Shipped	Received	(mg/kg)	- Campions	Shipped	Received	(mg/kg)	- Campions	Shipped	Received	(mg/kg)	- Cumpions	Shipped	Received	(mg/kg)	outspie is	Shipped	Received	(mg/kg)
A03	NOT EXCAVATED-UNDER ROAD NOT EXCAVATED-UNDER ROAD				_																
A05	TSCA - COVERED WITH CRUSHED CONCRETE	GRID-S-A5-WW	5/5/2011	5/11/2011	59.	Adjacent to West road/utility	area					-					-	-			
A05	NOT EXCAVATED-UNDER ROAD	Grid-S-A5NW	6/1/2011	6/6/2011	47.	1															
A05	BELOW H2O TABLE	Grid-S-A5-BASE-1	5/5/2011	5/11/2011	6.4																
A06	NOT EXCAVATED-UNDER ROAD	Grid-S-A6NW	6/1/2011	6/6/2011	44.		E/E/0011	E/11/0011	105												\leftarrow
A07	REMOVED WITH ADJACENT GRID	Grid-C-A6 A7-WW	4/18/2011	4/21/2011 12/2/2010		Grid-S-A6-Base-1 A7-WW-R1	5/5/2011	5/11/2011	3.08	A7-WW-R2	12/20/2010	12/30/2010	7.55	Further excavation will	he conduct	ed as A6					
A07	BELOW H2O TABLE	A7-BASE	11/23/2010			A7-WW-III	12/14/2010		5.94	A7-1444-112	12/20/2010	12/30/2010	7.55	differ excavation will	De conduct	eu as Au					
A07	AT SLURRY WALL	A7-NW		12/2/2010		8 A7-NW-R1	12/14/2010		1.16												
A08	REMOVED WITH ADJACENT GRID	A8-SW	11/23/2010	12/2/2010	5	south walls of A grids were															
A08	CONFIRMATION SAMPLE <1ppm	A8-BASE	11/23/2010			4 A8-BASE-R1	12/14/2010	12/17/2010	524	A8-Base-R2	12/20/2010	12/30/2010	0.135								
A08	CONFIRMATION SAMPLE <1ppm	A8-NW		12/2/2010	0.12	average divish Denida															-
A09	REMOVED WITH ADJACENT GRID REMOVED WITH ADJACENT GRID	A9-SW A9-EW	11/23/2010		50,	excavated with B grids removed with A10, no furth	er excavation	needed													
A09	BELOW H2O TABLE	A9-Base		12/2/2010	13.		Crexcavation	necaea													
A09	CONFIRMATION SAMPLE <1ppm	A9-NW-DUP	11/23/2010		0.31																
A09	CONFIRMATION SAMPLE <1ppm	A9-NW	11/23/2010	12/2/2010	0.040	3															
A10	CONFIRMATION SAMPLE <1ppm	A10-NWDUP	12/7/2010		< 0.03																
A10	CONFIRMATION SAMPLE <1ppm	A10-NW	12/7/2010	12/10/2010	< 0.036																$\overline{}$
A10 A11	BELOW H2O TABLE BELOW H2O TABLE	A10-BASE A11-BASE	12/7/2010	12/10/2010	17.						-										-
A11	CONFIRMATION SAMPLE <1ppm	A11-NW	12/7/2010	12/10/2010	0.19	3															
A12	AT SLURRY WALL	Grid-A12-S-A1NW1	8/25/2010	8/31/2010	6.6	2															
A12	CONFIRMATION SAMPLE <1ppm	Grid-A12-S-A1B1-DUP	8/25/2010	8/31/2010	5.4																
A12	CONFIRMATION SAMPLE <1ppm	Grid-A12-S-A1B1	8/25/2010	8/31/2010		Grid-A12-S-A1B1-R1		9/17/2010	0.277												
A13	BELOW H20 TABLE	Grid-A13-S-A1B1	8/25/2010	8/31/2010		Grid-A13-S-A1B1-R1	9/14/2010	9/17/2010	1.07												
A14 A15	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	Grid-A14-S-S-A1B1 Grid-A15-S-A1B1	8/25/2010 8/25/2010	8/31/2010	0.13	Grid-A14-S-A1B1-R1	9/14/2010	9/17/2010	0.336												-
A15	CONFIRMATION SAMPLE < 1ppm	Grid-A15-S-A1NW1	8/25/2010	8/31/2010	0.023							-									
B03	No Further Excavation due to West Utilities	GRID-S-B3-WW	5/5/2011	5/11/2011	8.5	5															
B03	No Further Excavation due to West Utilities	GRID-S-B3-WW-DUP	5/5/2011	5/11/2011	4.8	7															
B03	COVERED WITH CRUSHED CONCRETE	Grid-S-B3-BASE-1	5/5/2011	5/11/2011		5															
B03	COVERED WITH CRUSHED CONCRETE	GRID-S-B3-NW	5/5/2011	5/11/2011	1.6																$\overline{}$
B04 B04	COVERED WITH CRUSHED CONCRETE CONFIRMATION SAMPLE <100m	Grid-S-B4-BASE-1 GRID-S-B4-NW	5/5/2011	5/11/2011	15.	2															
B05	CONFIRMATION SAMPLE>1PPM	Grid-S-B5-BASE-1	5/5/2011	5/11/2011	24.																
B06	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-B6-BASE-1	5/5/2011	5/11/2011	58.	7															
B07	CONFIRMATION SAMPLE <1ppm	B7-WW	11/23/2010	12/2/2010	33	B7-WW-R1	12/14/2010	12/17/2010	0,931												
B07	CONFIRMATION SAMPLE <1ppm	B7-BASE	11/23/2010		51.	B7-BASE-R1	12/14/2010	12/17/2010	0.493								_				
B07	CONFIRMATION SAMPLE <1ppm	B7-EW			0.64																$\overline{}$
B07 B08	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	B7-SW Grid-s-B8-Base-2	11/23/2010 4/25/2011	4/29/2011	0.62																
B09	CONFIRMATION SAMPLE <1ppm	Grid-s-B9-Base-2	4/25/2011	4/29/2011	0.19																
B10	CONFIRMATION SAMPLE <1ppm	Grid B10		11/10/2010	0.56	Grid-s-B10-Base-2	4/25/2011	4/29/2011	0.633												
B11	CONFIRMATION SAMPLE <1ppm	Grid-s-B11-Base-3		4/29/2011	0.11	3															
B12	CONFIRMATION SAMPLE <1ppm	Grid-s-B12-Base-3		4/29/2011	0.86	3															
B13	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	Grid-s-B13-Base-3		4/29/2011	<0.037																-
B14 B15	CONFIRMATION SAMPLE < 1ppm	Grid-s-B14-Base-4 Grid-s-B15-Base-4-DUP	4/25/2011	4/29/2011	1.00	B15 + B15 dup Average < 1n	aa/ka no furthe	er action neede	d												-
B15	CONFIRMATION SAMPLE <1ppm	Grid-s-B15-Base-4	4/25/2011	4/29/2011	0.80	B	-g.ng, no raith	. gouern noode													
B16	CONFIRMATION SAMPLE <1ppm	Grid-B16-S-A1NW1	8/25/2010	8/31/2010	6.0	Grid-B16-S-A1NW1-R1	9/14/2010	9/17/2010	1.46	Grid-B16-S-A1NW1-R	9/23/2010	9/28/2010	1.61	Grid-B16-S-A1NW1-R	10/1/2010	10/6/2010	0.334				
	CONFIRMATION SAMPLE <1ppm	Grid-B16-S-A1B1	8/25/2010			Grid-B16-S-A1NW1-R1-dup			1.41		-										
B17	CONFIRMATION SAMPLE <1ppm	Grid-B17-S-A1B1	8/25/2010			Grid-B17-S-A1B1-R1	9/14/2010	9/17/2010	<0.0666												
B17 B18	CONFIRMATION SAMPLE <1ppm	Grid-B17-S-A1NW1 Grid-B18-SL-Storm Sewer	8/25/2010	8/31/2010	0.27	Sewer Material Removed and	Dieposed se	TSCA													
B18	CONFIRMATION SAMPLE <1ppm	Grid-B18-SL-Storm Sewer	8/25/2010		< 0.034	sewer iviaterial nemoved and	Disposed as	1004													
B18	ADJACENT TO A CLEAN GRID	Grid-B18-S-A1EW1	8/25/2010			Adjacent to clean base, no	further excava	ation													
B18	CONFIRMATION SAMPLE <1ppm	Grid-B18-S-A1B1	8/25/2010	8/31/2010	0.31																
B21	ADJACENT TO A CLEAN GRID	Grid-B21-A1WW1		8/30/2010		No side wall, adjacent to clea															
B21	CONFIRMATION SAMPLE <1ppm	Grid-B21-A1NW1	8/24/2010			Grid-B21-A1NW1-R1	9/14/2010	9/17/2010	4.13	Grid-B21-A1NW1-R2	9/23/2010	9/28/2010	0.123								
B21 B22	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	Grid-B21-A1B1 Grid-B22-A1B1		8/30/2010 8/30/2010	0.35	7 Grid-B22-A1B1-R1	9/14/2010	9/17/2010	0.250												
B22	CONFIRMATION SAMPLE < 1ppm	Grid-B22-A1NW-DUP	8/24/2010		0.3	DIN DEE AIDI-NI	3/14/2010	0/1/12/10	0.000												
B22	CONFIRMATION SAMPLE <1ppm	Grid-B22-A1NW	8/24/2010		0.11																
C03	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-C3-Base-0	3/14/2011	3/21/2011	201	Grid-S-C3-3	4/21/2011	4/26/2011	406												
C03	No Further Excavation due to West Utilities	GRID-S-C3-WW	4/26/2011			7 Grid-S-C3-3-Dup		4/26/2011	585												
C04	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-C4-Base-0	3/18/2011	3/23/2011	10.	Grid-S-C4-BASE-3-DUP		4/7/2011	461												
C04 C05	TSCA - COVERED WITH CRUSHED CONCRETE TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-C5-BASE-3	4/1/2011	4/7/2011	110	Grid-S-C4-BASE-3	4/1/2011	4/7/2011	992			-									$\overline{}$
C06	BELOW H20 TABLE	Grid-S-C6-Base-1		5/17/2011	2.3	Grid-S-C6-Base-2	6/16/2011	6/21/2011	4.45												
	BELOW H2O TABLE	Grid-S-C6-Base-1-DUP		5/17/2011	1.9																
	BELOW H2O TABLE	Grid-S-C7-Base-2	_	5/17/2011	15.	Grid-S-C7-Base-3	6/16/2011	6/21/2011	42.8												

110 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ONFIRMATION SAMPLE <1ppm	Grid-s-C8-Base-2	Shipped	Received	(mg/kg)		Shipped	Received	(mg/kg)		Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped Re	eived (mg/kg
110 CC 111 CC 11	ONEIRMATION SAMPLE -1ppm		4/25/2011	4/29/2011	0.05	1							1				(3 - 3/			
110 0 00111 112 112 112 112 112 113 114 115 115 115 116 117 117 117 117 117 117 117 117 117	CIVILITION ORIVING LE CIDDIN	Grid-s-C9-Base-2	4/25/2011	4/29/2011	0.616	5														
110 0 00111 112 112 112 112 112 113 114 115 115 115 116 117 117 117 117 117 117 117 117 117	ONFIRMTION SAMPLE <1ppm	Grid-S-C10-Base-0	5/12/2011	5/17/2011	1.23	Grid-S-C10-Base-1	6/16/2011	6/21/2011	0.43											
112 CCC 113 CCC 114 CCC 115 CCC 117 CCC 117 CCC 117 CCC 117 CCC 117 CCC 118 CCC 117 CC	CONFIRMTION SAMPLE <1ppm					Grid-S-C10-Base-1Dup	6/16/2011	6/21/2011	0.877											
113		Grid-S-C11-Base-0	5/12/2011	5/14/2011	0.3	3														
113	CONFIRMATION SAMPLE <1ppm	Grid-CF-C12-0'	11/19/2010		0.32	2														
15 BE 16 CC 17 CC 18 CC 19 CC 20 CC 21 CC 22 CC 22 CC 22 CC 22 CC 23 CC 20 CC 23 CC 24 CC 25 CC 26 CC 27 CC 27 CC 28 CC		Grid-S-C13-Base-0	5/12/2011	5/17/2011	0.788	В														
16	CONFIRMATION SAMPLE <1ppm	Grid-s-C14-Base-4	11/19/2010	11/30/2010	< 0.0364	4														
17 CC 18 CC 19 CC 20 CC 21 CC 22 CC 23 CC 23 CC 20 NC 20 NC 20 NC	ELOW H2O TABLE	Grid-s-C15-Base-4	11/19/2010	11/30/2010	1.99	9														
118 CC 119 CC 220 CC 221 CC 222 CC 223 CC 022 NC 023 TS 033 NC 04 TS	CONFIRMATION SAMPLE <1ppm	Grid-s-C16-Base-4	11/19/2010	11/30/2010	0.23	3														
19 CC 20 CC 21 CC 22 CC 23 CC 02 NC 03 TS 03 Nc 04 TS	CONFIRMATION SAMPLE <1ppm	Grid-S-C17-0'	10/8/2010	10/14/2010	0.36	1														
19 CC 20 CC 21 CC 22 CC 23 CC 02 NC 03 TS 03 Nc 04 TS	CONFIRMATION SAMPLE <1ppm	Grid-S-C18-0'	10/8/2010	10/14/2010	0.15	5														
21 CC 22 CC 23 CC 24 CC 25 CC 26 CC 27 CC	ONFIRMATION SAMPLE <1ppm	Grid-S-C19-0'	10/8/2010	10/14/2010	0.189															
22 CC 23 CC 02 NC 03 TS 03 No	CONFIRMATION SAMPLE <1ppm	Grid-S-C20-0'	10/8/2010	10/14/2010	0.239											1				
23 CC 02 NC 03 TS 03 Nc 04 TS	CONFIRMATION SAMPLE <1ppm	C21-BASE-3	1/27/2011	2/1/2011	<.0348															
02 NO 03 TS 03 No 04 TS	ONFIRMATION SAMPLE <1ppm	C22-BASE-3	1/27/2011	2/1/2011	0.0811															
03 TS 03 No 04 TS	ONFIRMATION SAMPLE <1ppm	C23-BASE-3	1/26/2011	1/31/2011	0.0811	1														
03 No	OT EXCAVATED-UNDER ROAD																			
03 No	SCA - COVERED WITH CRUSHED CONCRETE	D3-BASE-0	2/28/2011	3/8/2011	1620	Grid-S-D3-3	4/21/2011	4/26/2011	407	7 7										
	lo Further Excavation due to West Utilities	GRID-S-D3-WW	4/26/2011	5/4/2011	2.34	1														
15 TS	SCA - COVERED WITH CRUSHED CONCRETE	Grid-S-D4-BASE-3	4/1/2011	4/7/2011	626	6						1 1 1 1 1								
	SCA - COVERED WITH CRUSHED CONCRETE	D5-BASE-0	2/28/2011	3/8/2011	532	Grid-S-D5-BASE-3	4/1/2011	4/7/2011	546											
06 CC	ONFIRMATION SAMPLE <1ppm	D6-1	12/2/2010	12/8/2010	8.25	D6-BASE-2	1/28/2011	2/2/2011	1.72	D6-BASE-3	2/7/2011	2/10/2011	<.0369							
07	ONFIRMATION SAMPLE <1ppm	D7-2D	12/2/2010	12/8/2010	16.2	2				D7-BASE-4-DUP	2/7/2011	2/10/2011	0.193							
07 00	CONFIRMATION SAMPLE <1ppm	D7-2	12/2/2010	12/8/2010	11.2	D7-BASE-3	1/28/2011	2/2/2011	1.1	D7-BASE-4	2/7/2011	2/10/2011	0.269							
	ONFIRMATION SAMPLE <1ppm	D8-2	12/2/2010	12/8/2010	0.47	7														
	ONFIRMATION SAMPLE <1ppm	D9-2	12/2/2010	12/8/2010	2.42	D9-BASE-3	1/28/2011	2/2/2011	0.903											
10 00	CONFIRMATION SAMPLE <1ppm	Grid-CF-D10-0'	11/19/2010		0.242	2														
	ONFIRMATION SAMPLE <1ppm	Grid-CF-D11-0'	11/19/2010		0.302	2														
12 CC	ONFIRMATION SAMPLE <1ppm	D12-BASE-2	12/14/2010	12/17/2010	0.343	3														
13 00	ONFIRMATION SAMPLE <1ppm	D13-BASE-2	12/14/2010		0.0847	7														
	ONFIRMATION SAMPLE <1ppm	D14-Base-4	12/15/2010		0.193															
15 BE	ELOW H2O TABLE	D15-Base-4	12/15/2010	12/21/2010	4.43	3														
15 BE	ELOW H2O TABLE	D15-Base-4-Dup	12/15/2010	12/21/2010	3.12	2														
16 00	ONFIRMATION SAMPLE <1ppm	D16-Base-4	12/15/2010	12/21/2010	0.339															
	ONFIRMATION SAMPLE <1ppm	Grid-S-D17-0'	10/8/2010	10/14/2010	0.215															
18 CC	ONFIRMATION SAMPLE <1ppm	Grid-S-D18-0'	10/8/2010	10/14/2010	0.289															
19 00	ONFIRMATION SAMPLE <1ppm	Grid-S-D19-0'	10/8/2010	10/14/2010	0.208															
20 00	ONFIRMATION SAMPLE <1ppm	Grid-S-D20-0'	10/8/2010	10/14/2010	0.111															
	ONFIRMATION SAMPLE <1ppm	D21-BASE-3	1/26/2011	1/31/2011	0.31															
	ONFIRMATION SAMPLE <1ppm	D22-BASE-3	1/26/2011	1/31/2011	0.887	7														
	ONFIRMATION SAMPLE <1ppm	D23-BASE-1 (2')	1/26/2011	1/31/2011	2.92	D23-BASE-2	2/7/2011	2/10/2011	0.18											
	ONFIRMATION SAMPLE <1ppm	D23-BASE-1-DUP (2')	1/26/2011	1/31/2011		NA - dup														
)2 TS	SCA - COVERED WITH CRUSHED CONCRETE	E2-BASE-0	2/28/2011	3/8/2011	2920	Grid-S-E2-3	4/21/2011	4/26/2011	268											
	lo Further Excavation due to West Utilities	GRID-S-E2-WW	4/26/2011	5/4/2011	159	9											-			
				3/21/2011	1240	Grid-S-E3-3	4/21/2011	4/26/2011	520											
04 TS	SCA - COVERED WITH CRUSHED CONCRETE	E3-BASE-0	13/14/2011																	
)5 TS	SCA - COVERED WITH CRUSHED CONCRETE SCA - COVERED WITH CRUSHED CONCRETE	E3-BASE-0 E4-BASE-0	3/14/2011	3/21/2011	2170	Grid-S-E4-BASE-3	4/1/2011	4/7/2011	11700											

			Commiss	Deta	I DOD	T	Comples	Dete	T DCD		Commiss	Dete	T DOD		T C	Dete	DOD		Camples	Dete	DCB
GRID	Status	Sample ID	Samples	Data	PCB	Sample ID	Samples	Data	PCB	Sample ID	Samples	Data	PCB	Sample ID	Samples		PCB	Sample ID	Samples		PCB
E06	CONFIDMATION CAMPLE 1	F0.0	Shipped	Received	(mg/kg)		Shipped 12/20/2010	12/30/2010	(mg/kg)		Shipped	Received	(mg/kg)		Shipped	Received	(mg/kg)		Snipped	Received	(mg/kg)
E07	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	E6-2 E7-2	12/2/2010	12/8/2010		8 E7-BASE-3		2/2/2011	0.0995	_	-	_			_						_
E08						7 E8-BASE-3	1/28/2011	2/2/2011	0.544		_	-			+						
	CONFIRMATION SAMPLE <1ppm	E8-2	12/2/2010	12/8/2010	5.3	/ E8-BASE-3	1/28/2011	2/2/2011	0.88		-		-		_						
E09	CONFIRMATION SAMPLE <1ppm	E9-1	12/2/2010	12/8/2010	0.19	2	_					-			_						
E10	CONFIRMATION SAMPLE <1ppm	Grid-CF-E10-0'	11/19/2010	11/30/2010	0.18	91.					_	_			_						
E11	CONFIRMATION SAMPLE <1ppm	Grid-CF-E11-0'			0.34	2															
E12	CONFIRMATION SAMPLE <1ppm	E12-BASE-2		12/17/2010	0.36	9															
E13	CONFIRMATION SAMPLE <1ppm	E13-BASE-2	12/14/2010	12/17/2010	0.080	6															-
E14	CONFIRMATION SAMPLE <1ppm	E14-BASE-2		12/17/2010	0.11	2															
E15	CONFIRMATION SAMPLE <1ppm	E15-Base-1	12/15/2010	12/21/2010	0.16	1															
E16	CONFIRMATION SAMPLE <1ppm	E16-Base-1	12/15/2010	12/21/2010	<.034	3															
E17	CONFIRMATION SAMPLE <1ppm	Grid-S-E17-0'	10/8/2010	10/14/2010	0.31	5															
E18	CONFIRMATION SAMPLE < 1ppm	Grid-S-E18-0'	10/8/2010	10/14/2010	0.25	6															
E19	CONFIRMATION SAMPLE <1ppm	Grid-S-E19-0'	10/8/2010	10/14/2010	0.22	1															
E20	CONFIRMATION SAMPLE <1ppm	E20-BASE-3	12/22/2010	1/3/2011	0.062	3															
E21	CONFIRMATION SAMPLE <1ppm	E21-BASE-3-DUP	1/24/2011	1/28/2011	0.15	6															
E21	CONFIRMATION SAMPLE <1ppm	E21-BASE-3	1/24/2011	1/28/2011	0.14	5															
E22	CONFIRMATION SAMPLE <1ppm	E22-BASE-3	1/24/2011	1/28/2011	0.071	8															
E23	CONFIRMATION SAMPLE <1ppm	E23-BASE-3	1/25/2011	1/28/2011	0.18	6															
F01	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-F1-BASE-3	4/26/2011	5/4/2011	51.	8															
F02	TSCA - COVERED WITH CRUSHED CONCRETE	F2-BASE-0	3/14/2011	3/21/2011	93	0 Grid-S-F2-3	4/21/2011	4/26/2011	53.6												
F03	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-F3-3	4/21/2011	4/26/2011	439	0															
F04	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-F4-BASE-3	4/1/2011	4/7/2011	104	0															
F05	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-F5-BASE-3	4/1/2011	4/7/2011	241	0															
F06	BELOW H2O TABLE	F6-4	12/2/2010	12/8/2010	4.0	9						-		-	_						
F07	CONFIRMATION SAMPLE <1ppm	F7-2	12/2/2010	12/8/2010		6 F7-3	2/17/2011	2/23/2011	0.0773	_					_						
F08	CONFIRMATION SAMPLE <1ppm	F8-1	12/2/2010	12/8/2010		4 F8-BASE-2	1/28/2011	2/2/2011	<.0410												
F09	CONFIRMATION SAMPLE <1ppm	F9-1	12/2/2010	12/8/2010	0.49	3	112012011														
F10	CONFIRMATION SAMPLE <1ppm	Grid-CF-F10-0'	11/19/2010	11/30/2010	0.24	4														$\overline{}$	
F11	CONFIRMATION SAMPLE <1ppm	Grid-CF-F11-0'			0.46	1															
F12	CONFIRMATION SAMPLE <1ppm	F12-BASE-2	12/14/2010	12/17/2010	0.40	3				_	_	1			_						
F13	CONFIRMATION SAMPLE <1ppm	F13-BASE-3		12/17/2010	0.043		-					-			_						
F14	CONFIRMATION SAMPLE <1ppm	F14-BASE-3		12/17/2010	0.33	9	_				_	_			+						_
F15	CONFIRMATION SAMPLE <1ppm	F15-Base-3	12/15/2010	12/21/2010	<.035																
F16	CONFIRMATION SAMPLE < 1ppm	F16-base-1		12/22/2010	0.072						_	-			_						
F17	CONFIRMATION SAMPLE < 1ppm	F17-BASE-3	12/20/2010	12/30/2010	0.072	9	_					_			_						_
F17	CONFIRMATION SAMPLE < 1ppm	F17-BASE-3	12/22/2010		0.042	1	-					-			+						_
F17		F18-BASE-3		12/30/2010	0.042		_				+	-									_
	CONFIRMATION SAMPLE <1ppm				0.055	2									_						
F18	CONFIRMATION SAMPLE <1ppm	F18-BASE-3-DUP		12/30/2010	0.054	0									+						-
F19	CONFIRMATION SAMPLE <1ppm	F19-BASE-1	12/21/2010		0.078		-					-									
F20	CONFIRMATION SAMPLE <1ppm	F20-BASE-1	12/21/2010		0.088										+						
F21	CONFIRMATION SAMPLE <1ppm	F21-BASE-3	12/22/2010		0.048	8															
F22	CONFIRMATION SAMPLE <1ppm	F22-BASE-3	12/22/2010		0.043	2									-						
F23	CONFIRMATION SAMPLE < 1ppm	F23-BASE-3	12/21/2010	1/4/2011	0.42	5															1

GRID	Status	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)
301	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-G1-BASE-3	4/26/2011	5/4/2011	93																
301	No Further Excavation due to West Utilities	GRID-S-G1-WW	4/26/2011	5/4/2011	24.5																
302	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-G2-3	4/21/2011	4/26/2011	194																
303	TSCA - COVERED WITH CRUSHED CONCRETE	G3-BASE-0	3/14/2011	3/21/2011	1140	Grid-S-G3-3	4/21/2011	4/26/2011	172												
04	TSCA - COVERED WITH CRUSHED CONCRETE	G4-BASE-0	2/28/2011	3/8/2011	21000	Grid-S-G4-BASE-3	4/1/2011	4/7/2011	634												
05	TSCA - COVERED WITH CRUSHED CONCRETE	G5-BASE-0-DUP	3/14/2011	3/21/2011	5180																
305	TSCA - COVERED WITH CRUSHED CONCRETE	G5-BASE-0	3/14/2011	3/21/2011	2520	GRID-S-G5-BASE-3	4/1/2011	4/7/2011	1040												
306	CONFIRMATION SAMPLE <1ppm	G6-1	11/30/2010	12/8/2010	3.03	G6BASE-2	1/31/2011	2/7/2011	< 0.0364												
306	CONFIRMATION SAMPLE <1ppm	GO 1	11/00/2010	12/0/2010	0.00	G6-BASE-2DUP	1/31/2011	2/7/2011	< 0.0375			1									_
307	CONFIRMATION SAMPLE <1ppm	G7-1	12/6/2010	12/9/2010	0.153	GO-BAGE-EBOI	170172011	ETTEOTT	20.0070						-						1
308	CONFIRMATION SAMPLE <1ppm	G8-1	12/6/2010	12/9/2010	0.496																-
309		Grid-CF-G9-0'	11/18/2010				_	-				_			_			_			+
	CONFIRMATION SAMPLE <1ppm			11/24/2010	0.267		-	-			_				-						+
10	CONFIRMATION SAMPLE <1ppm	Grid-CF-G10-0'	11/18/2010	11/24/2010	0.0309		_				-	-			-						-
11	CONFIRMATION SAMPLE <1ppm	Grid-CF-G11-0'		11/24/2010	0.251																-
312	CONFIRMATION SAMPLE <1ppm	G12-BASE-3		12/17/2010	0.264																-
313	CONFIRMATION SAMPLE <1ppm	G13-BASE-3		12/17/2010	0.941												-	-			
13	CONFIRMATION SAMPLE <1ppm	G13-BASE-3-DUP	12/14/2010	12/17/2010	0.872																
14	BASEMENT	S. C.																			
315	CONFIRMATION SAMPLE <1ppm	G15-BASE-3		12/22/2010	0.231														-		
16	CONFIRMATION SAMPLE <1ppm	G16-BASE-3	12/17/2010	12/23/2010	0.217																
17	CONFIRMATION SAMPLE <1ppm	G17-BASE-1	12/17/2010	12/23/2010	0.0409																
18	CONFIRMATION SAMPLE <1ppm	G18-BASE-1	12/20/2010	12/30/2010	0.222																
19	CONFIRMATION SAMPLE <1ppm	G19-BASE-1	12/21/2010	1/4/2011	0.307															_	
20	CONFIRMATION SAMPLE <1ppm	G20-BASE-1	12/21/2010	1/4/2011	0.0506											-					
21	CONFIRMATION SAMPLE <1ppm	G21-BASE-2	12/22/2010	1/3/2011	OC-PASS																
21	CONFIRMATION SAMPLE <1ppm	G21-BASE-2	12/21/2010	1/4/2011	0.373																
22	CONFIRMATION SAMPLE <1ppm	G22-BASE-1	12/21/2010	1/4/2011	25.1	G22-BASE-2	1/26/2011	1/31/2011	0.46												
22	CONFIRMATION SAMPLE <1ppm	G22-BASE-1-DUP	12/21/2010	1/4/2011	22.8	GEE BAGE E	1/20/2011	1/01/2011	0.10		_	1			+ -						
23	CONFIRMATION SAMPLE <1ppm	G23-BASE-1	12/21/2010	1/4/2011	0.0567		-				_	-			_						_
101	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-H1-BASE-3	4/26/2011	5/4/2011	1/6		_				_				_						_
101	No Further Excavation due to West Utilities	GRID-S-H1-WW	4/26/2011	5/4/2011	33.6		-					-			_						_
102		H2-BASE-0	3/14/2011	3/21/2011		Grid-S-H2-3	4/04/0011	4/00/0011	470			-			+						+
102	TSCA - COVERED WITH CRUSHED CONCRETE				419	G10-5-H2-3	4/21/2011	4/26/2011	4/0		_	-			_						+
	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-H3-3	4/21/2011	4/26/2011	887	0010 0114 0405 0	1/4/0044	17/0011	200						_						+
104	TSCA - COVERED WITH CRUSHED CONCRETE	H4-BASE-0	3/14/2011	3/21/2011	517	GRID-S-H4-BASE-3	4/1/2011	4/7/2011	923			-			_						-
105	TSCA - COVERED WITH CRUSHED CONCRETE	H5-BASE-0	2/28/2011	3/8/2011	1680	GRID-S-H5-BASE-3	4/1/2011	4/7/2011	2160												
106	CONFIRMATION SAMPLE <1ppm	H6-1	11/30/2010	12/8/2010	0.342	GRID-S-H5-BASE-3DUP	4/1/2011	4/7/2011	1350												
107	CONFIRMATION SAMPLE <1ppm	H7-1	12/6/2010	12/9/2010	0.113																
108	CONFIRMATION SAMPLE <1ppm	H8-1	12/6/2010	12/9/2010	0.194																
	CONCRETE PAD	H9 Paved - no sample																			
110	CONFIRMATION SAMPLE <1ppm	H10-2	12/7/2010	12/10/2010	< 0.0332																
111	CONFIRMATION SAMPLE <1ppm	H11-2-DUP	12/7/2010	12/10/2010	0.134																
111	CONFIRMATION SAMPLE <1ppm	H11-2	12/7/2010	12/10/2010	0.127													100			
112	CONFIRMATION SAMPLE <1ppm	H12-BASE-3	12/14/2010	12/17/2010	0.0551																
113	CONFIRMATION SAMPLE <1ppm	H13-BASE-3	12/14/2010	12/17/2010	0.143																
114	CONFIRMATION SAMPLE <1ppm	Grid H14-EW	10/1/2010	10/6/2010	<.163																
114	CONFIRMATION SAMPLE <1ppm	H14-BASE-3-DUP	12/14/2010	12/17/2010	<.0378																
114	CONFIRMATION SAMPLE <1ppm	H14-BASE-3	12/14/2010	12/17/2010	< 0371																
115	BELOW H2O TABLE	H15-Base-4	12/15/2010	12/21/2010	4.76										1						
116	CONFIRMATION SAMPLE <1ppm	H16-Base-4	12/15/2010	12/21/2010	0 276										1						
117	CONFIRMATION SAMPLE < 1ppm	H17-BASE-3	12/17/2010	12/23/2010	0.270		-								1						_
					0.154										1						+
118	CONFIRMATION SAMPLE <1ppm	H18-BASE-3	12/17/2010	12/23/2010	0.23		-					_			1					-	-
119	CONFIRMATION SAMPLE <1ppm	H19-BASE-2	12/20/2010	12/30/2010	0.0321	LIGO BAGE O	1.10.1.15	1/00/07:		LIAN DAGE :	1/04/05::	07/00::			-						-
20	CONFIRMATION SAMPLE <1ppm	H20-BASE-2	12/21/2010	1/4/2011		H20-BASE-3	1/24/2011	1/28/2011	2.77	H20-BASE-4	1/31/2011	2/7/2011	< 0.0367								_
21	CONFIRMATION SAMPLE <1ppm	H21-BASE-3	12/21/2010	1/4/2011	0.284																
22	CONFIRMATION SAMPLE <1ppm	H22-BASE-1	12/21/2010	1/4/2011	0.209																
23	CONFIRMATION SAMPLE <1ppm	H23-BASE-1	12/21/2010	1/4/2011	< 0.0517	7.0															

RID	Status	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/k
	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-I1-BASE-3	4/26/2011	5/4/2011	88.7	7															
1	No Further Excavation due to West Utilities	GRID-S-I1-WW	4/26/2011	5/4/2011	10.3	3															
	TSCA - COVERED WITH CRUSHED CONCRETE	I2-Base-0	3/1/2011	3/8/2011	70.1	1 Grid-S-I2-3	4/21/2011	4/26/2011	222												
	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-I3-3	4/21/2011	4/26/2011	1800	0															
	TSCA - COVERED WITH CRUSHED CONCRETE	I4-BASE-0	3/14/2011	3/21/2011	473	GRID-S-I4-BASE-3	4/1/2011	4/7/2011	1090												
	TSCA - COVERED WITH CRUSHED CONCRETE	I5-BASE-0	3/14/2011	3/21/2011	1930	GRID-S-I5-BASE-3	4/1/2011	4/7/2011	383												
0	CONFIRMATION SAMPLE <1ppm	16-1	11/30/2010	12/8/2010	0.0504	4															
0	CONFIRMATION SAMPLE <1ppm	17-1	12/6/2010	12/9/2010	1.33	3 17-BASE-2	1/31/2011	2/7/2011	0.0331												
0	CONFIRMATION SAMPLE <1ppm	18-1	12/6/2010	12/9/2010	0.679	9															
(CONFIRMATION SAMPLE <1ppm	Grid-S-I9-Base-0	5/12/2011	5/17/2011	0.127	7								For I S County of							
(CONFIRMATION SAMPLE <1ppm	110-2	12/7/2010	12/10/2010	< 0.0330	0															
0	CONFIRMATION SAMPLE <1ppm	I11-Base-2	12/3/2010	12/8/2010	0.0588	8															
0	CONFIRMATION SAMPLE <1ppm	112-2	12/2/2010	12/8/2010	0.243	3															
6	CONFIRMATION SAMPLE <1ppm	113-3	12/2/2010	12/8/2010	0.133	3															
6	CONFIRMATION SAMPLE <1ppm	114-3	12/2/2010	12/8/2010	0.128																
-	CONFIRMATION SAMPLE <1ppm	115-4	12/2/2010	12/8/2010	0.494																
0	CONFIRMATION SAMPLE <1ppm	116-4	12/2/2010	12/8/2010	0.358	9.															
-	CONFIRMATION SAMPLE <1ppm	I17-BASE-1	12/16/2010	12/22/2010	2 20	117-BASE-2	1/25/2011	1/28/2011	0.0324		_				_						_
-	CONFIRMATION SAMPLE <1ppm	I17-BASE-1-DUP		12/22/2010	1.75		1720/2011	I I ZOIZOI I	0.002		1										
-	CONFIRMATION SAMPLE <1ppm	118-BASE-4	12/16/2010		0.263						_	_			_				1		+
1	CONFIRMATION SAMPLE < 1ppm	Grid I19-Base 3'	10/1/2010	10/6/2010	U.200	119-Base-4	12/10/2010	12/15/2010	0.111	I19-SouthBase	12/10/2010	12/15/2010	0.17		+						+
- 5					0.177	119-Dase-4	12/10/2010	12/13/2010	V-111	119-Soulilbase	12/10/2010	12/13/2010	0.17		_						+
- 1	CONFIRMATION SAMPLE <1ppm	Grid I19-NW-2'	10/1/2010	10/6/2010	0.17	7					_	-									+
	CONFIRMATION SAMPLE <1ppm	I19-EW	12/10/2010	12/15/2010	0.4/8	140 1404	10/10/0010	10/15/0010	0.007		_										+
2	CONFIRMATION SAMPLE <1ppm	Grid I19-WW-3'	10/1/2010	10/6/2010		7 I19-WW	12/10/2010		0.0671		-	-			-						\vdash
1	REMOVED WITH ADJACENT GRID	Grid I19-NW-3'	10/1/2010	10/6/2010		4 I19-NW	12/10/2010	12/15/2010	6.56												-
0	CONFIRMATION SAMPLE <1ppm	Grid I19-EW	12/10/2010	12/15/2010	0.478	8															-
0	CONFIRMATION SAMPLE <1ppm	Grid I19-SouthBase	12/10/2010	12/15/2010	0.17	7															
E	BELOW H2O TABLE	120-BASE-2	12/20/2010	12/30/2010		8 120-BASE-3	1/24/2011			120-BASE-4	1/31/2011	2/7/2011	1.85				_				
(CONFIRMATION SAMPLE <1ppm	I21-BASE-2	12/20/2010	12/30/2010	41.2	2 I21-BASE-3	1/24/2011	1/28/2011	2.34	I21-BASE-4	1/31/2011	2/7/2011	0.113								
(CONFIRMATION SAMPLE <1ppm	122-BASE-2	12/20/2010	12/30/2010	0.449	9															
6	CONFIRMATION SAMPLE <1ppm	I23-BASE-1	12/21/2010	1/4/2011	1.11	1 I23-BASE-2	1/26/2011	1/31/2011	< 0327												
C	CONFIRMATION SAMPLE <1ppm					I23-BASE-2-DUP	1/26/2011	1/31/2011	<.0323												
0	CONFIRMATION SAMPLE <1ppm	Grid-S-J1-BASE-3	4/26/2011	5/4/2011	0.915	5															
C	CONFIRMATION SAMPLE <1ppm	GRID-S-J1WW	4/26/2011	5/4/2011	0.444	4															
ī	TSCA - COVERED WITH CRUSHED CONCRETE	J2-Base-0-Dup	3/1/2011	3/8/2011	498	B															
1	TSCA - COVERED WITH CRUSHED CONCRETE	J2-Base-0	3/1/2011	3/8/2011	483	Grid-S-J2-3	4/21/2011	4/26/2011	137												
	TSCA - COVERED WITH CRUSHED CONCRETE	J3-BASE-0	3/14/2011	3/21/2011	1120	0															
1	TSCA - COVERED WITH CRUSHED CONCRETE	J3-BASE-0-DUP	3/14/2011	3/21/2011	1110	GRID-S-J3-BASE-3	4/1/2011	4/7/2011	526			1									
C	COVERED WITH CRUSHED CONCRETE	J4-BASE-0	3/14/2011	3/21/2011	874	GRID-S-J4-BASE-3		4/7/2011	30.5												
1	TSCA - COVERED WITH CRUSHED CONCRETE	GRID-S-J5-BASE-3	4/1/2011	4/7/2011	397	7	17772011	THI LOTT	00.0												
-	CONFIRMATION SAMPLE <1ppm	J7-4 (J6)	11/29/2010	12/6/2010	< 0.0374	1										1					
-	CONFIRMATION SAMPLE <1ppm	J7-1	12/7/2010	12/10/2010	0.623										_						+
-	CONFIRMATION SAMPLE <1ppm	J8-1	12/7/2010	12/10/2010	and the second second	J8-BASE-2	1/31/2011	2/7/2011	0.0609		1										\vdash
-	CONFIRMATION SAMPLE <1ppm	Grid-CF-J9-0'	11/18/2010	11/24/2010	0.20	O DAOL-Z	1/31/2011	LITIZOTT	0.0009		1								-		1
2	CONFIRMATION SAMPLE < 1ppm	J10-2	12/7/2010	12/10/2010	0.0408	5					1				_						-
	CONFIRMATION SAMPLE < 1ppm	J10-2 J11-Base-2	12/7/2010	12/8/2010	0.0408	RI .					+				-			_			-
-					0.122		-				+				-						+
1	CONFIRMATION SAMPLE <1ppm	J12-2	12/2/2010	12/8/2010			_				-							_			-
(CONFIRMATION SAMPLE <1ppm	J13-3	12/2/2010	12/8/2010	0.137		_				+	-			_						+
K	CONFIRMATION SAMPLE <1ppm	J14-3	12/2/2010	12/8/2010	0.303						-										+
R	CONFIRMATION SAMPLE <1ppm	J15-4	12/2/2010	12/8/2010	0.327						-										1
0	CONFIRMATION SAMPLE <1ppm	J16-4	12/2/2010	12/8/2010	<0.0385									77							
C	CONFIRMATION SAMPLE <1ppm	J17-BASE-1	12/16/2010	12/22/2010		J17-BASE-2		1/28/2011	0.0476												
0	CONFIRMATION SAMPLE <1ppm	J18-BASE-2	12/16/2010	12/22/2010	2.5	J18-BASE-3	1/24/2011	1/28/2011	3.02	J18-BASE-4	1/31/2011	2/7/2011	0.402								
C	CONFIRMATION SAMPLE < 1ppm	J19-BASE-4	12/16/2010	12/22/2010	0.0572	2															
0	CONFIRMATION SAMPLE <1ppm	J20-BASE-2	12/17/2010	12/23/2010	3.61	1 J20-BASE-3	1/24/2011	1/28/2011	20.2	J20-BASE-4	1/31/2011	2/7/2011	0.238								
0	CONFIRMATION SAMPLE <1ppm	J21-BASE-2	12/17/2010	12/23/2010	2.37	7 J21-BASE-3	1/24/2011	1/28/2011	11.8	J21-BASE-4	1/31/2011	2/7/2011	2.74	J21-BASE-5	2/8/2011	2/14/2011	0.738				
6	CONFIRMATION SAMPLE <1ppm	J22-BASE-1	12/17/2010	12/23/2010	4.19	J22-BASE-2	1/25/2011	1/28/2011	5.97	J22-BASE-3	2/9/2011	2/16/2011	0.53								

			Samples	Data	PCB	T	Samples	Data	PCB	_	Samples	Data	PCB	1	Samples	Data	DCB		Samples	Data	PCB
GRID	Status	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Samples	Received	PCB (mg/kg)	Sample ID		Received	(mg/kg)
K01	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-K1-BASE-3	4/26/2011	5/4/2011	412																
K01	No Further Excavation due to West Utilities	GRID-S-K1-WW	4/26/2011	5/4/2011	37.7																
K02	TSCA - COVERED WITH CRUSHED CONCRETE	K2-Base-0	3/1/2011	3/8/2011	0.904	Grid-S-K2-3		4/26/2011	109												
K03	TSCA - COVERED WITH CRUSHED CONCRETE	K3-BASE-0	3/14/2011	3/21/2011	1980	GRID-S-K3-BASE-3	4/1/2011	4/7/2011	522					1			1				
K04	TSCA - COVERED WITH CRUSHED CONCRETE	K4-BASE-0	3/14/2011	3/21/2011	348	GRID-S-K4-BASE-3	4/1/2011	4/7/2011	39.4												
K05	TSCA - COVERED WITH CRUSHED CONCRETE	GRID-S-K5-BASE-3	4/1/2011	4/7/2011	172																
K06	CONFIRMATION SAMPLE <1ppm	K7-4 (K6)	11/29/2010	12/6/2010	0.191																
K07	CONFIRMATION SAMPLE <1ppm	K7-1	12/8/2010	12/13/2010	2.63	K7-BASE-2	1/31/2011	2/7/2011	0.143												
K08	CONFIRMATION SAMPLE <1ppm	Grid-S-K8-Base-0	5/12/2011	5/17/2011	0.494																
K09	CONFIRMATION SAMPLE <1ppm	K9-1	12/7/2010	12/10/2010	0.355																
K10	CONFIRMATION SAMPLE <1ppm	K10-2	12/7/2010	12/10/2010	<.0323																
K11	CONFIRMATION SAMPLE <1ppm	K11-2	12/7/2010	12/10/2010	<.0341										_						
K12	CONFIRMATION SAMPLE <1ppm	K12-2	12/7/2010	12/10/2010	0.0991	With D	10/0/00/0	10/0/0010	0.475						-						$\overline{}$
K13	CONFIRMATION SAMPLE <1ppm	Grid-CF-K13-0'	11/18/2010	11/24/2010	1.08	K13-Base-1	12/3/2010	12/8/2010	0.175			-									
K14	CONFIRMATION SAMPLE <1ppm	K14-Base-1	12/3/2010	12/8/2010	0.125							-			+				-		
K15	CONFIRMATION SAMPLE < 1ppm	K15-Base-1	12/3/2010	12/8/2010	<1.66	K16 BASE 4	10/01/0010	1/4/2011	0.440		-				-						
K16	CONFIRMATION SAMPLE <1ppm	K16-4	12/2/2010	12/8/2010		K16-BASE-4	12/21/2010		0.116	V17 DACE 0	1/05/0011	1/00/0011	0.400	Chauld be "been O"	+						
K17 K18	CONFIRMATION SAMPLE <1ppm	K17-Base-1	12/10/2010	12/15/2010		K17-BASE-2 K18-BASE-2	12/22/2010			K17-BASE-2 K18-BASE-3	1/25/2011	1/28/2011		Should be "base-3" K18-BASE-4	1/21/2011	0/7/0011	4.50	K18-BASE-5	2/9/2011	2/14/2011	27.3
K19	BELOW H2O TABLE	K18-Base-1 K19-Base-1	12/10/2010	12/15/2010	-	K 18-BASE-2	12/22/2010	1/3/2011	10	N 18-BASE-3	1/24/2011	1/28/2011	29	K 18-BASE-4	1/31/2011	2///2011	1.5	N 18-BASE-5	2/8/2011	2/14/2011	21.3
K19	CONFIRMATION SAMPLE <1ppm		12/10/2010	12/15/2010	0.735	KOO BACE O	1/04/0011	1/00/0011	20.4	VOO DACE O	1/01/0011	0/7/0011	6.06	KOO DACE 4	0/0/0011	0/14/0011	-0.007			-	
	CONFIRMATION SAMPLE <1ppm	K20-Base-1	12/10/2010	12/15/2010		K20-BASE-2	1/24/2011	1/20/2011	20.4	K20-BASE-3	1/31/2011	2/7/2011	6.36	K20-BASE-4	2/8/2011	2/14/2011	< 0.0374	*			-
K21	CONFIRMATION SAMPLE <1ppm	K21-Base-1-Dup	12/10/2010	12/15/2010	13.3		1/24/2011	1/00/0011	40.0	VO4 DACE O	1/01/0011	0.77/0011	0.500		_			_			
	CONFIRMATION SAMPLE <1ppm	K21-Base-1	12/10/2010	12/15/2010		K21-BASE-2		1/28/2011	13.6	K21-BASE-3	1/31/2011	2/7/2011	0.589		_						
K22	CONFIRMATION SAMPLE <1ppm	K22-Base-1	12/10/2010	12/15/2010	2.76	K22-BASE-2	1/27/2011	2/1/2011	0.352		-	-			_						-
L01	No Further Excavation due to West Utilities TSCA - COVERED WITH CRUSHED CONCRETE	GRID-S-L1-WW Grid-S-L1-BASE-3	4/26/2011 4/26/2011	5/4/2011 5/4/2011	345		-								_						-
	TOOM OUTLINES THE TOTAL OUTLINE				318					_					+			1			-
L02 L03	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-L2-1 GRID-S-L3-BASE-3	4/21/2011	4/26/2011	214		-			_	_				_			-			-
	TSCA - COVERED WITH CRUSHED CONCRETE		3/14/2011	4/7/2011	900	CDID C LA DACE O	4/1/0011	4/7/0011	494			-									-
L04	TSCA - COVERED WITH CRUSHED CONCRETE TSCA - COVERED WITH CRUSHED CONCRETE	L4-BASE-0		3/21/2011	1800	GRID-S-L4-BASE-3	4/1/2011	4/7/2011	494			_			_			_			$\overline{}$
L05 L06	CONFIRMATION SAMPLE < 1 ppm	GRID-S-L5-BASE-3 L6-BASE-2	2/8/2011	4/7/2011	0.331							_						-			-
				2/14/2011	0.001	L7 DACE 2	1/01/0011	0/7/0011	4.00		-				_					-	-
L07	BELOW H2O TABLE BELOW H2O TABLE	L7-2 Grid-S-L8-Base-0	5/12/2011	12/6/2010 5/17/2011		L7-BASE-3 Grid-S-L8-Base-1	1/31/2011		4.29 4.53			_			_				-		$\overline{}$
L09		L9-1	12/7/2010	12/10/2010	0.0504	Grid-S-L8-Base-1	0/10/2011	0/21/2011	4.53						_						$\overline{}$
1	CONFIRMATION SAMPLE <1ppm				0,0504						-	-			+						$\overline{}$
L10 L11	CONFIRMATION SAMPLE <1ppm	L10-1	12/8/2010	12/13/2010	0.206													-			$\overline{}$
	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm		12/6/2010		0.12	I to Been O /I NADI stained	0/0/0011	0/14/0011	37.8		-				_				-		$\overline{}$
L12	The state of the s	L12-3		12/9/2010		L12-Base-3 (LNAPL stained		6/14/2011			-				_						$\overline{}$
L13	BELOW H2O TABLE CONFIRMATION SAMPLE <1ppm	L13-Base-3 L14-2	12/3/2010	12/8/2010	2.22	L13-BASE-4	12/21/2010	1/4/2011	4.63		1				+				-		-
L14 L15	CONFIRMATION SAMPLE <1ppm	L14-2 L15-2	12/2/2010	12/8/2010	1.50	L15-BASE-3	12/21/2010	1/4/2011	2.76	L15-BASE-4	1/26/2011	1/21/2011	<.0374								
L15	CONFIRMATION SAMPLE <1ppm	L16-2	12/2/2010	12/8/2010		L16-BASE-3			< 0328	LIU-DAGE-4	1/26/2011	1/31/2011	<.03/4	7	+					-	
L16	CONFIRMATION SAMPLE <1ppm	L16-2D	12/2/2010	12/8/2010	17.8	LIO-DAGE-3	12/21/2010	1/4/2011	1.0020			_			+						
L17	CONFIRMATION SAMPLE < 1ppm	L17-Base-1	12/10/2010	12/15/2010		L17-BASE-3	12/21/2010	1/4/2011	2.41	L17-BASE-DUP	12/21/2010	1/4/2011	2.74	L17-BASE-4	1/25/2011	1/28/2011	2.10	L17-BASE-5	1/31/2011	2/7/2011	0.217
L17	BELOW H20 TABLE	L17-Base-1	12/10/2010	12/15/2010		L18-BASE-2	1/24/2011			L18-BASE-3	1/31/2011	2/7/2011		L18-BASE-4	2/8/2011		4.17	7	1/31/2011 2	1112011	0.217
L19	CONFIRMATION SAMPLE <1ppm	L19-Base-3	11.0400	12/15/2010	0.683	L 10-DAGE-Z	1/24/2011	1/20/2011	1.05	L18-BASE-3DUP	1/31/2011	2/7/2011	10.2	LIU-DAGE-4	12/0/2011	2/14/2011	4.17		-	-	
L20	CONFIRMATION SAMPLE < 1ppm	L20-Base-1	12/10/2010	12/15/2010	0.893					L 10-DAGE-3DOP	1/31/2011	ZITIZUTT	10.2		+				-	-	
L21	BELOW H20 TABLE	L21-Base-3	12/10/2010	12/15/2010		L21-BASE-4	1/26/2011	1/31/2011	1.33						_						
L22	CONFIRMATION SAMPLE <1ppm	L22-Base-1	12/10/2010	12/15/2010		L22-BASE-4-DUP	1/25/2011	1/28/2011		Should be "base-2"		_			+						
L22	CONFIRMATION SAMPLE < 1ppm	L22-Base-1-Dup		12/15/2010		L22-BASE-4-DUP		1/28/2011		Should be "base-2"					+					-	$\overline{}$
L22	NOT YET EXCAVATED-TRIM BLDG	LZZ-Dase-1-Dup	12/10/2010	12/13/2010	1.42	LEC-DAGE-4	1/23/2011	1/20/2011	0.0907	Official De Dase-2					+				-		$\overline{}$
L23	NOT YET EXCAVATED-TRIM BLDG		-									_									
L24 L25	NOT YET EXCAVATED-TRIM BLDG		-												+				-		$\overline{}$
L25	NOT YET EXCAVATED-TRIM BLDG											-			_						$\overline{}$
L27	NOT YET EXCAVATED-THIN BLDG		+								1				_						
L28	NOT YET EXCAVATED-TRIM BLDG		-												+					-	
L29	NOT YET EXCAVATED-TRIM BLDG		-									-			+						
-23	HOT TET ENGAVATED THIN DEDG					L				_	1										

GRID	Status	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)
M01	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-M1-2		4/26/2011	188								(V 3 - 31				1 2 2
M01	No Further Excavation due to West Utilities	GRID-S-M1-WW	4/26/2011	5/4/2011	27.8																
M02	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-M2-2	4/21/2011	4/26/2011	513																
M03	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-M3-3	4/21/2011	4/26/2011	3280	0010 0 144 0405 0	4/4/0044	1770011	070												
M04 M05	TOOL COVERED WITH CRUCKER CONCRETE	M4-BASE-0 GRID-S-M5-BASE-3	3/4/2011 4/1/2011	3/9/2011	7.61	GRID-S-M4-BASE-3	4/1/2011	4/7/2011	673												
M06	CONFIRMATION SAMPLE <1ppm	M6-2		12/6/2010	0.0801		+				-	-			-					\vdash	
M07	CONFIRMATION SAMPLE < 1ppm	M7-3		12/6/2010	0.0001																
M08	CONFIRMATION SAMPLE <1ppm	M8-2		12/6/2010	0.381																
M09	CONFIRMATION SAMPLE <1ppm	GRID-S-M9-BASE-0	5/5/2011	5/11/2011	22.5	Grid-S-M09-Base-1	6/16/2011	6/21/2011	0,519												
M10	CONFIRMATION SAMPLE <1ppm	M10-1	12/8/2010	12/13/2010	0.347					7-1-1-1-1											
M11	CONFIRMATION SAMPLE <1ppm	M11-1	12/6/2010	12/9/2010	0.277																
M12	BELOW H2O TABLE	M12-1	12/6/2010	12/9/2010	9.56	M12-BASE-4	1/26/2011	1/31/2011	36.8												
M13	CONFIRMATION SAMPLE <1ppm	M13-Base-4	12/3/2010	12/8/2010	< 0.0367																
M14	CONFIRMATION SAMPLE <1ppm	M14-2	12/2/2010	12/8/2010		M14-BASE-3	12/21/2010		0.0545												
M15	CONFIRMATION SAMPLE <1ppm	M15-2	12/2/2010	12/8/2010		M15-BASE-3	12/21/2010		0.107	MAC DAGE 4	07/0011	0/10/0011	0.05				-			$\overline{}$	$\overline{}$
M16 M17	BELOW H2O TABLE	M16-2 M17-2	12/2/2010	12/8/2010		M16-BASE-3 M17-BASE-3	1/26/2011			M16-BASE-4 M17-BASE-4	2/7/2011	2/10/2011	6.05	M17-BASE-5	1/31/2011	2/7/2011	0.659				
M17	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	M17-2D	12/8/2010	12/13/2010	9.81		12/21/2010	1/4/2011	2.00	WITT-DAGE-4	1/25/2011	1/20/2011	4.09	WITT-DAGE-0	1/31/2011	LITIZUTT	0.059				
M18	CONFIRMATION SAMPLE < 1ppm	M18-3	12/8/2010	12/13/2010		M18-BASE-4	12/22/2010	1/3/2011	0.357												
M19	CONFIRMATION SAMPLE < 1ppm	M19-4	12/8/2010	12/13/2010		M19-BASE-5	12/22/2010		0.0547					2 2 3							
M20	CONFIRMATION SAMPLE <1ppm	M20-Base-4	12/10/2010	12/15/2010	0.317																
M21	CONFIRMATION SAMPLE <1ppm	M20-Base-4-Dup	12/10/2010	12/15/2010	0.556								1 1								
M22	CONFIRMATION SAMPLE <1ppm	M21-Base-1	12/10/2010	12/15/2010		M21-BASE-2	1/25/2011	1/28/2011	0.034												
M22	CONFIRMATION SAMPLE <1ppm	M22-Base-1	12/10/2010	12/15/2010	1.14	M22-BASE-2	1/25/2011	1/28/2011	0.653												
M23	NOT YET EXCAVATED-TRIM BLDG																				
	NOT YET EXCAVATED-TRIM BLDG																				
M25	NOT YET EXCAVATED TRIM BLDG																				
M26 M27	NOT YET EXCAVATED TRIM BLDG										-						II.L.				-
M28	NOT YET EXCAVATED-TRIM BLDG NOT YET EXCAVATED-TRIM BLDG		-				_													\vdash	-
N00	COVERED WITH CRUSHED CONCRETE	Grid-S-N0-BASE-1	4/26/2011	5/4/2011	66.9	Grid-S-N0-BASE-1	5/5/2011	5/11/2011	19.4						_					$\overline{}$	$\overline{}$
N01	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-N1-0	4/21/2011	4/26/2011	293	Grid-S-N1-BASE-1		5/11/2011	7850												
N01	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-N1-0 DUP	4/21/2011	4/26/2011	153																
N02	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-N2-2	4/21/2011	4/26/2011	87.2																
N03	COVERED WITH CRUSHED CONCRETE	N3-BASE-0	3/14/2011	3/21/2011	2300	Grid-S-N3-BASE-2	4/26/2011	5/4/2011	1.11												
N04	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-N4-BASE-0	3/29/2011	4/4/2011	122						-										
N05	CONFIRMATION SAMPLE <1ppm	Grid-S-N5-BASE-0	3/29/2011	4/4/2011	0.338																
N06	CONFIRMATION SAMPLE <1ppm	N6-BASE-2	1/28/2011	2/2/2011	0.713																
N07 N08	CONFIRMATION SAMPLE <1ppm	N7-BASE-2	1/28/2011	2/2/2011	0.206		-														$\overline{}$
N09	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	N8-BASE-2 GRID-S-N9-BASE-0	1/28/2011 5/5/2011	2/2/2011 5/11/2011	0.024	Grid-S-N9-Base-0 (SB 1)	5/12/2011	5/17/2011	1 24	Grid-S-N09-Base-1	6/16/2011	6/21/2011	<.0384		_						$\overline{}$
N10	CONFIRMATION SAMPLE < 1ppm	GRID-S-N10-SW	5/5/2011	5/11/2011	0.222	GIId-S-N9-Base-0 (SB 1)	3/12/2011	5/11/2011	1.54	GIIG-S-INO9-Dase-1	0/10/2011	0/21/2011	4.0304							$\overline{}$	$\overline{}$
N10	CONFIRMATION SAMPLE < 1ppm	GRID-S-N10-SW-DUP	5/5/2011	5/11/2011	0.17						T										
N10	CONFIRMATION SAMPLE <1ppm	Grid-S-N10-Base-0	5/12/2011	5/17/2011	3.71	Grid-S-N10-Base-1	6/16/2011	6/21/2011	0.0981												
N11	Excavated up to Access Road	Grid-S-N11-SW	8/11/2011	8/16/2011	6.3																
N11	Excavated up to Access Road	GRID-S-N11-SW	5/5/2011	5/11/2011	2.85																
N11	Excavated up to Former Scale Pit	Grid-S-N11-WW	8/11/2011	8/16/2011	1.24																
N11	CONFIRMATION SAMPLE <1ppm	N11-1	12/8/2010	12/13/2010		Grid-S-N11-Base-1	8/11/2011			Grid-S-N12-Base-1 (N	N18/11/2011	8/16/2011	0.0494								
N12	CONFIRMATION SAMPLE <1ppm	N12-2	12/7/2010	12/10/2010		N12-BASE-3	1/26/2011	1/31/2011	0.235		1	1									
N12	Excavated up to Access Road	N12-SW	8/11/2011	8/16/2011	2.39						-										
N12 N13	CONFIRMATION SAMPLE <1ppm	N12-EW N13-Base-2	8/11/2011	8/16/2011	<.0337	N12-BASE-2	1/26/2011	1/21/2011	0.004		+				-		-				
	Excavated up to Access Road	GRID-S-N14-SW	12/3/2010 5/5/2011	5/11/2011	40.8	N13-BASE-3	1/26/2011	1/31/2011	0.064												
N14	CONFIRMATION SAMPLE <1ppm	N14-2		12/8/2010		N14-BASE-3	12/22/2010	1/3/2011	0.542		1										
N15	CONFIRMATION SAMPLE <1ppm	N15-2	12/2/2010	12/8/2010		N15-BASE-3	12/21/2010		0.759												
	Excavated up to Access Road	GRID-S-N15-SW		5/11/2011	11.7		12.2.720.10										1				
N16	CONFIRMATION SAMPLE <1ppm	N16-2	12/2/2010	12/8/2010		N16-BASE-3	12/21/2010	1/4/2011	0.618								View and a second				
N16	CONFIRMATION SAMPLE <1ppm	GRID-S-N16-SW	5/5/2011	5/11/2011	0.107																
N17	CONFIRMATION SAMPLE <1ppm	N17	12/8/2010	12/13/2010		N17-BASE-3	12/21/2010		11.6	N17-BASE-4	1/25/2011	1/28/2011	<.0368				2				
N18	CONFIRMATION SAMPLE <1ppm	N18-2		12/13/2010		N18-BASE-3	12/22/2010		0.678							14					
N19	CONFIRMATION SAMPLE <1ppm	N19-1		12/13/2010		N19-BASE-2	12/22/2010		0.392												
N20	CONFIRMATION SAMPLE <1ppm	N20-Base-1		12/15/2010		N20-BASE-2	1/26/2011		0.142												
N21	CONFIRMATION SAMPLE <1ppm CONFIRMATION SAMPLE <1ppm	N21-Base-1	12/10/2010			N21-BASE-2	1/25/2011		0.0327												
N22	OCINI INMATION SAMIFLE STPPIN	N22-Base-1	12/10/2010	12/15/2010	3.22	N22-BASE-2	1/25/2011	1/28/2011	0.079				1								

GRID	Status	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/kg)	Sample ID	Samples Shipped	Data Received	PCB (mg/k
000	COVERED WITH CRUSHED CONCRETE	Grid-S-O0-BASE-1	4/26/2011	5/4/2011	6.48																
000	COVERED WITH CRUSHED CONCRETE	Grid-S-O0-BASE-1-DUP	4/26/2011	5/4/2011	4.84																
001	CONFIRMATION SAMPLE <1ppm	Grid-S-O1-BASE-1	4/26/2011	5/4/2011	0.335																
002	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-O2-BASE-1	4/26/2011	5/4/2011	202																
003	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-O3-BASE-1		5/4/2011	496																
004	TSCA - COVERED WITH CRUSHED CONCRETE	GRID-S-O4-SW		5/11/2011	170																
004	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-O4-BASE-1		5/11/2011	139																
004	EXCAVATED TO ACCESS ROAD	Grid-S-P4-SW (O4SW)		8/16/2011	1.98																
005	TSCA - COVERED WITH CRUSHED CONCRETE	GRID-S-O5-SW	5/5/2011	5/11/2011	52.7																
005	COVERED WITH CRUSHED CONCRETE	Grid-S-O5-BASE-1	5/5/2011	5/11/2011	45.2																
005	CONFIRMATION SAMPLE <1ppm	Grid-S-P5-SW (O5SW)	8/10/2011	8/16/2011	0.349	100															
006	CONFIRMATION SAMPLE <1ppm	O6-BASE-1	1/31/2011	2/7/2011	< 0.0321																
006	Excavated up to Access Road	GRID-S-06-SW	5/5/2011	5/11/2011	19.2																
007	CONFIRMATION SAMPLE <1ppm	O7-BASE-1	1/31/2011	2/7/2011	< 0.0328																
008	CONFIRMATION SAMPLE <1ppm	GRID-S-08-SW	5/5/2011	5/11/2011	0.0284																
800	Former Scale Pit - no material to sample																				
009	CONFIRMATION SAMPLE <1ppm	GRID-S-O9-SW	5/5/2011	5/11/2011	0.23																
009	Former Scale Pit - no material to sample																				
01	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-P1-BASE-1	4/26/2011	5/4/2011	1.29																
02	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-P2-BASE-1-DUP	4/26/2011	5/4/2011	86																
02	TSCA - COVERED WITH CRUSHED CONCRETE	Grid-S-P2-BASE-1	4/26/2011	5/4/2011	19.5	PCB TSCA- AVG WITH DU	JP = 52.75				1				+						
03	COVERED WITH CRUSHED CONCRETE	Grid-S-P3-BASE-1		5/11/2011	5.47																
03	CONFIRMATION SAMPLE <1ppm	Grid-S-P3-EW		5/11/2011	1.01	PCB PASS- AVG WITH DU	JP = 0.8855														
03	CONFIRMATION SAMPLE <1ppm	Grid-S-P3-EW-DUP		5/11/2011	0.761		1														
01	COVERED WITH CRUSHED CONCRETE	GRID-S-Q1-BASE-1		5/11/2011	13																
101	CONFIRMATION SAMPLE <1ppm	GRID-S-Q1-WW	5/5/2011	5/11/2011	0.0775		_														_
01	CONFIRMATION SAMPLE <1ppm	GRID-S-Q1-SW	5/5/2011	5/11/2011	0.0773																_
02	COVERED WITH CRUSHED CONCRETE	GRID-S-Q2-BASE-1		5/11/2011	2.91											_					+
02	CONFIRMATION SAMPLE <1ppm	GRID-S-Q2-SW		5/11/2011	0.0500		+								+						_
102	CONFIRMATION SAMPLE < 1ppm	GRID-S-Q2-SW	5/5/2011	5/11/2011	0.0509										11						

- Sample concentration exceeds TSCA limit (50 mg/kg)
- Sample concentration exceeds site RO, but below TSCA
- Sample concentration does not exceed site RO (1 mg/kg)



	INITIAL E	XCAVATION				RE-EXC	AVATION						RE-EX	CAVATIO	ON
	Date Sample	Date Data	PCB	PAH		Date Sample	Date Data	PCB	PAH		Date Sample	Date Data	PCB	PAH	
Sample ID	Shipped	Received	(mg/kg)	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	(mg/kg)	COMMENTS
A1-S-A-1-WW	8/23/2010	8/30/2010	1.93	PASS	A1-S-A-1-WW-R-1	8/31/2010	9/3/2010	5.12	NS	A1-S-A-1-WW-R-2	9/9/2010	9/17/2010	0.0368	NS	
A1-S-A-1-NW	8/23/2010	8/30/2010	1.69	PASS	A1-S-A-1-NW-R-1	8/31/2010	9/3/2010	7.64	NS	A1-S-A-1-NW-R-2	9/14/2010	9/17/2010	1,12	NS	re-excavated up to building foundation, no sample.
A1-S-A-1-EW	8/23/2010	8/30/2010	< 0.157	ND											
A1-S-A-1-SW	8/23/2010	8/30/2010	< 0.119	ND											
A1-S-A-1-B	8/23/2010	8/30/2010	25.8	FAIL- PAH	A1-S-A-1-B-R-1	8/31/2010	9/3/2010	7.42	PAH	A1-S-A-1-B-R-2	9/9/2010	9/13/2010	0.125	NS	
A1-S-A-1-B-DUP	8/23/2010	8/30/2010	28.6	FAIL-PAH											

AREA 1 CLEAN FILL CONFIRMATION SAMPLE RESULTS

Confirmatio	n Sampling o	f Clean Fill F	Placed In A	rea 1		Confi	rmation Sam	pling of Lo	wer Lift	of Clean Fill Placed In Area 1
	Date	Date	PCB	PAH		Date	Date	PCB	PAH	
	Sample	Data				Sample	Data			
Sample ID	Shipped	Received	(mg/kg)	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	(mg/kg)	COMMENTS
Area 1-CF	11/2/2010	11/9/2010	1.5	NS						clean fill material removed and disposed of at Veolia
Area 1-CF-N1	11/15/2010	11/19/2010	1.55	NS	CF-N1-R1	1/27/2011	2/1/2011	2.53	NS	clean fill material removed and disposed of at Veolia
Area 1-CF-S1	11/15/2010	11/19/2010	1.01	NS	CF-S1-R1	1/27/2011	2/1/2011	1.92	NS	clean fill material removed and disposed of at Veolia

NS - Not sampled, no PAH exceedance to address

- Sample Concentration Exceeds Site RO (PCB = 1 mg/kg; PAH = 2 mg/kg)
- Sample Concentration Does Not Exceed RO (PCB = 1 mg/kg; PAH = 2 mg/kg)



AREA 2 CONFIRMATION SOIL SAMPLE RESULTS

	INITIAL EX	CAVATION				RE-EXC	AVATION			RE-EXCAV	ATION	
	Date Sample	Date Data	PCB	PAH		Date Sample	Date Data	PCB		Date Sample	Date Data	PCB
Sample ID	Shipped	Received	(mg/kg)	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)
A2-S-A-5-EW	8/23/2010	8/30/2010	2.89	PASS	A2-A5EW-R1	9/3/2010	9/9/2010	0.239				
A2-S-B-5-EW	8/23/2010	8/30/2010	<0.143	ND								
A2-S-B-5-SW	8/23/2010	8/30/2010	<0.136	ND								
A2-S-B-4-SW	8/23/2010	8/30/2010	0.338	PASS								
A2-S-B-3-SW	8/23/2010	8/30/2010	< 0.134	ND								
A2-S-B-2-SW	8/23/2010	8/30/2010	<0.109	ND	N Comment							
A2-S-B-2-SW-DUP	8/23/2010	8/30/2010	<0.130	ND								
A2-S-B-1-SW	8/23/2010	8/30/2010	< 0.134	ND								
A2-S-B-1-WW	8/23/2010	8/30/2010	<0.115	ND								
A2-S-A-1-WW	8/23/2010	8/30/2010	4.48	ND	A2-A1-WW-R1	9/3/2010	9/9/2010	2.17	A2-A1WW-R2	9/14/2010	9/17/2010	0.115
A2-S-A-1-NW	8/23/2010	8/30/2010	0.511	ND								
A2-S-A-2-NW	8/23/2010	8/30/2010	3.24	ND	Leave in place, ne	ar Plant 2 wa	ter service line)				
A2-S-A-2-NW-DUP	8/23/2010	8/30/2010	3.26	ND	Leave in place, ne	ar Plant 2 wa	ter service line)				
A2-S-A-3-NW	8/23/2010	8/30/2010	2.44	ND	Leave in place, ne	ar Plant 2 wa	ter service line)				

AREA 2 CLEAN FILL CONFIRMATION SAMPLE RESULTS

	RE-EXCAVATI	ON			RE-EXCAVAT	TION			RE-EXCAVAT	ON		
	Date	Date Data	PCB		Date	Date Data	PCB		Date	Date Data	PCB	
Sample ID	Sample Shipped	Received	(mg/kg)	Sample ID	Sample Shipped	Received	(mg/kg)	Sample ID	Sample Shipped	Received	(mg/kg)	Comments
Area 2 - CF	11/2/2010	11/9/2010	5.95	initial screenin	g sample; further sa	ampling need	led.					
Area 2-CF-S1	11/15/2010	11/19/2010	2.05	CF-S1-R1	1/27/2011	2/1/2011	1.89	CF-S1-R2	2/8/2011	2/14/2011	0.669	below water table
Area 2-CF-S2	11/15/2010	11/19/2010	2.95	CF-S2-R1	1/27/2011	2/1/2011	3.37	CF-S2-R2	2/8/2011	2/14/2011	2.04	below water table
Area 2-CF-S3	11/15/2010	11/19/2010	2.97	CF-S3-R1	1/27/2011	2/1/2011	2.66	CF-S3-R2	2/8/2011	2/14/2011	2.83	below water table
								CF-S3-R2 DUP	2/8/2011	2/14/2011	2.64	below water table
Area 2-CF-S4	11/15/2010	11/19/2010	1.83	CF-S4-R1	1/27/2011	2/1/2011	3.83	CF-S4-R2	2/8/2011	2/14/2011	4.5	below water table
				CF-S4-R1 DU	1/27/2011	2/1/2011	2.63					
Area 2-CF-S5	11/15/2010	11/19/2010	3.29	CF-S5-R1	1/27/2011	2/1/2011	2.79	CF-S5-R2	2/8/2011	2/14/2011	5	below water table
Area 2-CF-S6	11/15/2010	11/19/2010	2.31	CF-S6-R1	1/27/2011	2/1/2011	2.99	CF-S6-R2	2/8/2011	2/14/2011	2.27	below water table
Area 2-CF-N1	11/15/2010	11/19/2010	2.7	CF-N1-R1	1/27/2011	2/1/2011	1.25	CF-N1-R2	2/8/2011	2/14/2011	1.19	below water table
				CF-N1-R1 DU	1/27/2011	2/1/2011	1.35					
Area 2-CF-N2	11/15/2010	11/19/2010	1.75	CF-N2-R1	1/27/2011	2/1/2011	3.1	CF-N2-R2	2/8/2011	2/14/2011	1.54	below water table
Area 2-CF-N3	11/15/2010	11/19/2010	8.64	CF-N3-R1	1/27/2011	2/1/2011	5.63	CF-N3-R2	2/8/2011	2/14/2011	1.76	below water table
Area 2-CF-N4	11/15/2010	11/19/2010	2.3	CF-N4-R1	1/27/2011	2/1/2011	8.61	CF-N4-R2	2/8/2011	2/14/2011	6.68	below water table
Area 2-CF-N4-D	11/15/2010	11/19/2010	2.16									
Area 2-CF-N5	11/15/2010	11/19/2010	3.21	CF-N5-R1	1/27/2011	2/1/2011	3.22	CF-N5-R2	2/8/2011	2/14/2011	4.53	below water table
Area 2-CF-N6	11/15/2010	11/19/2010	8.37	CF-N6-R1	1/27/2011	2/1/2011	2.5	CF-N6-R2	2/8/2011	2/14/2011	2.01	below water table

⁻ Sample Concentration Exceeds Site RO (PCB = 1 mg/kg; PAH = 2 mg/kg)
- Sample Concentration Does Not Exceed RO (PCB = 1 mg/kg; PAH = 2 mg/kg)

TABLE A-1-D
AREA 3
CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYCHLORINATED BIPHENYLS (PCB)
OMC PLANT 2 PHASE II REMEDIAL ACTION

	Date	Date	PCB
Sample ID	Sample Shipped	Data Received	(mg/kg)
East Dike-CF	11/4/2010	11/10/2010	0.257
SD-001	12/1/2010	12/9/2010	149
SD-002	12/1/2010	12/9/2010	96.6
SD-003	12/1/2010	12/9/2010	56.6
SD-003-Dup	12/1/2010	12/9/2010	50.4
SD-004	12/1/2010	12/9/2010	47
SD-005	12/1/2010	12/9/2010	37.7
SD-006	12/1/2010	12/9/2010	77.5
SD-007	12/1/2010	12/9/2010	61
SD-008	12/1/2010	12/9/2010	96.3
SD-009	12/1/2010	12/9/2010	49.3
SD-010	12/1/2010	12/9/2010	37.3
SD-010-Dup	12/1/2010	12/9/2010	45.8
SD-011	12/1/2010	12/9/2010	228
SD-012	12/1/2010	12/9/2010	53.6
SD-013	12/1/2010	12/9/2010	1.08
SD-014	12/1/2010	12/9/2010	62.4
SD-015	12/1/2010	12/9/2010	41.7
SD-016	12/1/2010	12/9/2010	27.3
SD-017	12/1/2010	12/9/2010	7.15
SD-018	12/1/2010	12/9/2010	35.3
SD-019	12/1/2010	12/9/2010	6.67
SD-020	12/1/2010	12/9/2010	9.5
SD-021	12/1/2010	12/9/2010	76.9
SD-022	12/1/2010	12/9/2010	77.3
SD-022-Dup	12/1/2010	12/9/2010	90.7
SD-023	12/1/2010	12/9/2010	683
SD-024	12/1/2010	12/9/2010	145
SD-025	12/1/2010	12/9/2010	39.5
SD-026	12/1/2010	12/9/2010	17.9
SD-027	12/1/2010	12/9/2010	466
SD-028	12/1/2010	12/9/2010	1.63
SD-029	12/1/2010	12/9/2010	7.3
SD-030	12/1/2010	12/9/2010	25
SD-030-Dup	12/1/2010	12/9/2010	22.8
SD-031	12/1/2010	12/9/2010	17
SD-032	12/1/2010	12/9/2010	26.6
SD-033	12/1/2010	12/9/2010	25.9
SD-034	12/1/2010	12/9/2010	7.76
SD-035	12/1/2010	12/9/2010	3.82
SD-BB-49-0-0.5	2/17/2011	2/23/2011	2.05
SD-BB-50-0-0.5	2/17/2011	2/23/2011	0.617

- Sample concentration exceeds TSCA limit (50 mg/kg)

- Sample concentration exceeds site RO, but below TSCA

- Sample concentration does not exceed site RO (1 mg/kg)

	Date	Date	PCB	PAH
Sample ID	Sample Shipped	Data Received	(mg/kg)	(mg/kg)
A0WW	11/19/2010	11/30/2010	3.04	PASS
A1NW	11/19/2010	11/30/2010	2.84	PASS
A1B1	11/19/2010	11/30/2010	1.01	PASS
B1SW	11/19/2010	11/30/2010	5.33	PASS
A2NW	11/19/2010	11/30/2010	5.07	PASS
A2B1	11/19/2010	11/30/2010	1.06	PASS
B2SW	11/19/2010	11/30/2010	1.88	PASS
A3NW	11/19/2010	11/30/2010	269	PASS
A3B1	11/19/2010	11/30/2010	2.2	PASS
B3SW	11/19/2010	11/30/2010	263	PASS
A4NW	11/19/2010	11/30/2010	468	PASS
A4B1	11/19/2010	11/30/2010	483	PASS
A4B1-DUP	11/19/2010	11/30/2010	267	PASS
B4SW	11/19/2010	11/30/2010	1130	PASS
A5NW	11/23/2010	12/2/2010	2490	PASS
A5B1	11/23/2010	12/2/2010	166	PASS
A5B1-DUP	11/23/2010	12/2/2010	137	PASS
B5SW	11/23/2010	12/2/2010	1270	PASS
A6NW	11/23/2010	12/2/2010	244	PASS
A6B1	11/23/2010	12/2/2010	421	PASS
B6SW	11/23/2010	12/2/2010	415	PASS
A7NW	11/23/2010	12/2/2010	122	PASS
A7B1	11/23/2010	12/2/2010	262	PASS
B7SW	11/23/2010	12/2/2010	1220	PASS
A8NW	11/23/2010	12/2/2010	285	PASS
A8NW-DUP	11/23/2010	12/2/2010	121	PASS
A8B1	11/23/2010	12/2/2010	2410	PASS
B8SW	11/23/2010	12/2/2010	576	PASS
A9NW	11/23/2010	12/2/2010	894	PASS
A9B1	11/23/2010	12/2/2010	1780	PASS
B9SW	11/23/2010	12/2/2010	352	PASS
A10NW	11/23/2010	12/2/2010	8.73	PASS
A10B1	11/23/2010	12/2/2010	1550	PASS
B10SW	11/23/2010	12/2/2010	53.3	PASS
A11NW	11/23/2010	12/2/2010	4.32	PASS
A11NW-DUP	11/23/2010	12/2/2010	5.94	PASS
A11B1	11/23/2010	12/2/2010	764	PASS
B11SW	11/23/2010	12/2/2010	0.893	PASS
A12NW	11/23/2010	12/2/2010	10.9	PASS
A12B1	11/23/2010	12/2/2010	13.5	PASS
B12SW	11/23/2010	12/2/2010	0.0618	PASS
A12EW	11/23/2010	12/2/2010	2.78	PASS

A

- Sample concentration exceeds TSCA limit (50 mg/kg)

- Sample concentration exceeds site RO, but below TSCA

- Sample concentration does not exceed site RO (1 mg/kg)

TABLE A-1-F

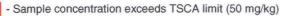
	INITIAL EXC	CAVATION			RE-EXCAVA	TION			RE-EXCA\	/ATION	
	Date	Date	PCB		Date	Date	PCB		Date	Date	PCB
0 1 10	Sample		(//)	0	Sample	Data	(0	Sample	Data	(" ")
Sample ID SouthTrench	Shipped 10/27/2010	Data Received 11/3/2010	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)
North Trench	10/27/2010		0.675 1.71								
00A6EW	10/27/2010		<0.0317						_		
OA6EW	10/27/2010		0.184								
OA6EW	10/27/2010		0.0491								
GOA6EW	10/27/2010		< 0.0315						_		
G0A5B1	10/28/2010		0.367								
G0A4B1	10/28/2010	11/3/2010	0.325								
G0A3B1	10/28/2010	11/3/2010	0.328								
HOA5SW	10/28/2010	11/3/2010	0.253								
IOA4SW	10/28/2010	11/3/2010	0.152								
10A3SW	10/28/2010	11/3/2010	0.117								
GOA3NW	10/28/2010	11/3/2010	0.0754								
00A5B1	10/28/2010	11/3/2010	0.323								
00A4SW	10/28/2010	11/3/2010	1.44	D0A4SW-R1 *	11/8/2010	11/12/2010	0.106				
00A3SW	10/28/2010	11/3/2010	0.0978								
DOA3WW	10/28/2010	11/3/2010	0.34								
E0A3WW	10/28/2010	11/3/2010	0.395								
OA3WW	10/28/2010	11/3/2010	0.181								
0A5B1	10/28/2010	11/3/2010	0.641								
0A4B1	10/28/2010	11/3/2010	0.56								
OA5B1	10/28/2010		0.206								
OA4B1	10/28/2010	11/3/2010	0.462								
COA5NW	10/28/2010	11/3/2010	<.0316								
COA4NW	10/28/2010	11/3/2010	0.254								
COA4NW-DUP	10/28/2010	11/3/2010	0.269								
COA3NW	10/28/2010	11/3/2010		C0A3NW-R1	11/8/2010	11/12/2010	0.932				
COA2NW	10/28/2010	11/3/2010	<0.68								
00A2B1	10/28/2010	11/3/2010	0.445								
00A3B1	10/28/2010	11/3/2010	0.485								
00A4B1	10/28/2010	11/3/2010	0.354								
00A4B1-DUP	10/28/2010		0.356								
WW0A04	10/29/2010	11/9/2010	17.8								
AOAOWW-D	10/29/2010	11/9/2010	19.2								
AOA1NW	10/29/2010	11/9/2010	229.9	Near containment cell							
AOA1EW	10/29/2010	11/9/2010	7.4								
COA1EW	10/29/2010		26								
BOA1EW	10/29/2010	11/9/2010	1.76	D.1							
0A1B1	10/29/2010			Below water table					_		
30A1B1	10/29/2010		0.944	Dolow water table							
COA1B1	10/29/2010		4.51	Below water table					+		
BOAOWW	10/29/2010 10/29/2010		7.51								
60A1B1	11/1/2010		0.322						_		
0A1B1	11/1/2010		0.322						_		
OA1B1	11/1/2010		0.344						+		
0A1B1	11/1/2010		0.372						+		
10A1B1	11/1/2010		0.532						_		
0A2EW	11/1/2010	11/5/2010	0.425								
0A2EWD	11/1/2010		0.566						+		
0A2EW	11/1/2010		0.445								
00A2EW	11/1/2010			D0A2EW-R1	11/8/2010	11/12/2010	1.53	D0A2EW-R2	11/17/2010	11/19/2010	0.2
J	11/1/2010	11/5/2010	1.02	D0A2EW-R1D	11/8/2010	11/12/2010		NA - Dup	. 17 17 2010	1 17 10/2010	0.0
GOA2NW	11/1/2010	11/5/2010	0.878	DO. ILLETT ITID	11/0/2010	11/12/2010	1.22	Dup			
G0A2B1	11/1/2010		0.289								
A1EW	11/7/2010		0.152								
IOA1EW	11/7/2010	11/12/2010	0.318								
A1B1	11/7/2010		0.389								
DA1SW	11/7/2010	11/12/2010		I0A1SW-R1	11/18/2010	11/23/2010	0.289				

^{* -} Sample mislabelled as D0A3SW-R1

- Sample concentration exceeds TSCA limit (50 mg/kg)
- Sample concentration exceeds site RO, but below TSCA
- Sample concentration does not exceed site RO (1 mg/kg)



	INITIAL EXC	AVATION			RE- EXCAV	/ATION			RE- EXCAV	ATION	
	Date	Date	PCB		Date	Date	PCB		Date	Date	PCB
	Sample				Sample	Data		l	Sample	Data	
Sample ID	Shipped	Data Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)
A0A1B1	10/29/2010	11/9/2010	0.629								
A0A1EW	10/29/2010	11/9/2010	0.599								
B0A1EW	10/29/2010	11/9/2010	0.773								
B0A1B1	10/29/2010	11/9/2010	0.198								
C0A1B1	10/29/2010	11/9/2010	0.415								
C0A1EW	10/29/2010	11/9/2010	1.21	C0A1EW-R1	11/11/2010	11/16/2010	6	C0A1EW-R1	11/18/2010	11/23/2010	0.853
D0A1EW	11/1/2010	11/5/2010		D0A1EW-R1	11/11/2010	11/16/2010	1.07	D0A1EW-R1	11/18/2010	11/23/2010	0.284
D0A1EW-D	11/1/2010	11/5/2011	1.19	NA							
D0A1B1	11/1/2010	11/5/2010	0.117								
E0A1B1	11/1/2010	11/5/2010	0.0742								
E0A1EW	11/1/2010	11/5/2010	1.37	E0A1EW-R1	11/11/2010	11/16/2010	1.45	E0A1EW-R1	11/18/2010	11/23/2010	0.764
F0A1B1	11/9/2010	11/12/2010	0.109								
G0A1B1	11/5/2010	11/12/2010	0.326								
H0A1B1	11/5/2010	11/12/2010	0.474								
I0A1B1	11/5/2010	11/12/2010	1.52	near Sanitary I	Force Main						
J0A1B1	11/5/2010	11/12/2010	2.95	near Sanitary I	Force Main						
K0A1B1	11/5/2010	11/12/2010	1.88	near Sanitary I	Force Main						
L0A1B1	11/5/2010	11/12/2010	12.8	near Sanitary I	Force Main						
Area-6-C-Center (roa	6/17/2011	6/24/2011	0.267								
Area-6-C-South (road	6/17/2011	6/24/2011	0.252								
A0A1WW	7/28/2011	8/2/2011	7.51								
B0A1WW	7/28/2011	8/2/2011	0.703								
C0A1WW	7/25/2011	7/29/2011	0.21								
C0A1WW-DUP	7/25/2011	7/29/2011	0.325								
D0A1WW	7/25/2011	7/29/2011	0.776								
E0A1WW	7/25/2011	7/29/2011	0.472							_	
F0A1WW	7/25/2011	7/29/2011	0.835								
G0A1WW	7/25/2011	7/29/2011	0.963								
H0A1WW	7/25/2011	7/29/2011	1.19								
I0A1WW	7/25/2011	7/29/2011	1.76								
J0A1WW	7/25/2011	7/29/2011	6.91								
K0A1WW	7/25/2011	7/29/2011	4.09								
L0A1EW	7/25/2011	7/29/2011	13.1								
L0A1NW	7/25/2011	7/29/2011		adjacent to Ea	st Containme	nt Cell					
L0A1WW	7/25/2011	7/29/2011	3.1								



⁻ Sample concentration exceeds site RO, but below TSCA

⁻ Sample concentration does not exceed site RO (1 mg/kg)

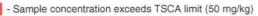
	INIT	TAL EXCAVATION	ON			RE-EXCAVAT	ION		R	E-EXCAVATIO	N	
PHASE	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/k
Material												
Removal	Area 7-S-A-A1NW	10/12/2010	10/15/2010	1.72								
	Area 7 -S-A-A1SW	10/12/2010	10/15/2010	0.16					Carlo Carlo			
	Area 7 -S-A-A0WW	10/12/2010	10/15/2010	< 0.0312								
	Area 7 - S-A-A1B1	10/12/2010	10/15/2010	0.658								
	Area 7-S-B-A1NW	10/12/2010	10/15/2010	0.416								
	Area 7 -S-B-A2EW	10/12/2010	10/15/2010						T	1		
	Area 7 -S-B-A0WW	10/12/2010	10/15/2010	1.75								
	Area 7 - S-B-A1B1	10/12/2010	10/15/2010	29.6								
	Area 7 - S-B-A1B1DUP	10/12/2010	10/15/2010	26.5								
	Area 7-S-C-A1NW	10/11/2010	10/15/2010	0.885								
	Area 7 -S-C-A1SW	10/11/2010	10/15/2010	0.176								
	Area 7 -S-C-A0WW	10/11/2010	10/15/2010	1.89								
	Area 7 - S-C-A2EW	10/11/2010	10/15/2010	127	Area 7 - S-C-A2B1	10/18/2010	10/22/2010	181	Area 7 - S-C-A2B1 R1	10/25/2010	10/28/2010	3.2
	Area 7 - S-C-A1B1	10/11/2010	10/15/2010	32.3								
	Area 7-S-D-A1SW	10/12/2010	10/15/2010	4.27								
	Area 7 -S-D-A2EW	10/12/2010	10/15/2010	2.55								
	Area 7 -S-D-A0WW	10/12/2010	10/15/2010	8.06								
	Area 7 -S-D-A0WWDUP	10/12/2010	10/15/2010	14.7								
	Area 7 - S-D-A1B1	10/12/2010	10/15/2010	0.626								
	Area 7-S-E-A1NW	10/11/2010	10/15/2010	35.8								
	Area 7 -S-E-A2EW	10/11/2010	10/15/2010	158	Area 7 -S-E-A2EW -R	10/18/2010	10/22/2010	4.42				
	Area 7 -S-E-A0WW	10/11/2010	10/15/2010	7.07								
	Area 7 - S-E-A1SW	10/11/2010	10/15/2010	48.9	Area 7 - S-E-A1SW-R	10/18/2010	10/22/2010	12.9				
	Area 7 - S-E-A1B1	10/11/2010	10/15/2010	11.5								
	Area 7 - S-E-A1B1 DUP	10/11/2010	10/15/2010	10.6								
	Area 7 - stockpile C (0-2')	10/11/2010		2.75	Hauled as Subtitle D							
	Area 7 - stockpile D (0-2')	10/11/2010			Hauled as Subtitle D							

	INIT	AL EXCAVA	TION			RE-EXCAVAT	TION		R	E-EXCAVAT	ION		R	E-EXCAVAT	ION		RE	E-EXCAVATION	NC		RE	-EXCAVATI	ON	
		Date Sample	Date Data	PCB		Date Sample	Date Data	PCB		Date Sample	Date Data	PCB		Date Sample	Date Data	PCB		Date Sample	Date Data	PCB		Date Sample	Date Data	F
SE	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped		(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped		i (n
CA	Area 7-S-A0A1EW	10/29/2010	11/9/2010	0.436																				
	Area 7-S-A0A1B1	10/29/2010	11/9/2010	0.445																				1
d	Area 7-S-B0A1EW	10/29/2010	11/9/2010	0.803								_												+
	Area 7-S-B0A1B1	10/29/2010	11/9/2010	1.04	below water table																			1
	Area 7-S-C0A1EW	10/29/2010	11/9/2010	0.358																				1
	Area 7-S-C0A1B1	10/29/2010	11/9/2010	0.853																				1
	Area 7-S-D0A1B1	10/29/2010	11/9/2010	0.576																				1
	Area 7-S-D0A1EW	10/29/2010	11/9/2010	1.64	Area 7-S-D0A1EW-R	11/11/2010	11/16/2010	1.95	Area 7-S-D0A1EW-F	11/18/2010	11/23/2010	7.35	Area 7-S-DOA1EW-R3	12/9/2010	12/15/2010	0.958								1
	Area 7-S-E0A1B1	10/29/2010	11/9/2010	0.477																				1
	Area 7-S-E0A1B1-D	10/29/2010		0.94																				1
	Area 7-S-E0A1EW	10/29/2010		0.33																				4
	Area 7-S-F0A5WW	11/29/2010	12/6/2010	0.408																				1
	Area 7-S-E0A5WW	11/29/2010	12/6/2010	0.124																				1
	Area 7-S-D0A5WW	11/29/2010	12/6/2010	0.501																				1
	Area 7-S-D0A4SW	11/29/2010	12/6/2010	0.283																				1
	AREA 7-S-C0A4WW	11/29/2010	12/6/2010	1.32	C0A4WW-R1	12/15/2010	12/21/2010	19.4	AREA 7-S-C0A4WW	1/26/2011	1/31/2011	1.45	Area 7-S-C0A4WW-R3	2/7/2011	2/10/2011	11.5	Area 7-S-C0A4WW-F	2/23/2011	2/28/2011	2.61	Area 7-S-C0A4WW-R	3/4/2011	3/9/201	1
	AREA 7-S-G0A2NW	11/29/2010	12/6/2010	0.624																				1
	AREA-7-SC0A3B1	11/30/2010	12/8/2010		below water table																			1
	AREA 7-S-C0A2B1-D	11/30/2010	12/8/2010		below water table																			1
	AREA 7-S-C0A2B1	11/30/2010			below water table																			1
	AREA 7-S-D0A2B1	11/30/2010			below water table																			1
	AREA 7-S-D0A3B1	11/30/2010			below water table																			1
	AREA 7-S-D0A4B1	11/30/2010			below water table																			1
	AREA 7-S-E0A4B1	11/30/2010			below water table																	1		1
	AREA 7-S-E0A3B1	11/30/2010			below water table																			1
	AREA 7-S-F0A3B1	11/30/2010	12/8/2010		below water table																			1
	AREA 7-S-F0A4B1	11/30/2010		6.6	below water table																			1
	AREA 7-S-F0A2B1	11/30/2010		0.918																				1
	AREA 7-S-E0A2B1	11/30/2010	12/8/2010	0.186																				1
	AREA 7-S-A0A4WW	3/30/2011			AREA 7-S-A0A4WW-				AREA 7-S-A0A4WW				AREA 7-S-A0A4WW-P			4.42	Area 7-S-A0A4WW-P	4/22/2011	4/28/2011	< 0.0349				1
	AREA 7-S-BOA4WW	3/30/2011		1.59	AREA 7-S-B0A4WW-	4/5/2011	4/8/2011	9.26	AREA 7-S-B0A4WW	4/5/2011	4/13/2011	1.92	AREA 7-S-B0A4WW-F	3 4/14/2011	4/20/2011	0.187	AREA 7-S-B0A4WW-	4/14/2011	4/20/2011	0.488				1
	AREA 7-S-B0A4NW	4/14/2011		< 0.033																				1
	AREA 7-S-B0A5NW	4/14/2011		<.0361																				4
	Area 7-S-A0A5NW	4/22/2011		0.483																				1
	Area 7-S-A0A5SW	4/22/2011			At property boundary																			1
	Area 7-S-A0A3SW	5/5/2011			At property boundary																			
	Area 7-s-A0A4B1	5/5/2011			below water table																			1
	Area 7-s-A0A3B1	5/5/2011		9.27	below water table	1																		
	Area 7-S-A0A4SW	5/5/2011		0.713																				1
	Area 7-s-B0A4B1	5/5/2011		0.599																				1
	Area 7-S-A0A5B1	5/5/2011		2.46	below water table																			1
	Area 7-C-South (Road Co			0.153			-																	1
	Area 7-S-A0A2B1	7/25/2011			below water table																			1
	Area 7-S-A0A2EW	7/25/2011			At natural gas main																			1
	Area 7-S-A0A2SW	7/25/2011			At property boundary				1.7												The state of the s			1
	Area 7-S-B0A2B1		7/29/2011		below water table																			1
	Area 7-S-B0A3B1	7/25/2011			below water table																			4
	Area 7-S-B0A2EW		7/29/2011		At natural gas main												8.0							1
	Area 7-S-C0A2EW	7/25/2011		4.98	At natural gas main																			1
	Area 7-S-D0A2EW		7/29/2011	0.611																				1
	Area 7-S-E0A2EW	7/25/2011			At natural gas main																			1
	Area 7-S-E0A2EWdup	7/25/2011			At natural gas main																			1
	Area 7-S-F0A2EW	7/25/2011			At natural gas main																			1
	Area 7-S-A0A1SW	7/28/2011	8/2/2011		At property boundary				I															1
	Area 7-S-A0A1WW	7/28/2011	8/2/2011		At natural gas main					110														1
	Area 7-S-B0A1WW	7/28/2011	8/2/2011		At natural gas main																			1
	Area 7-S-C0A1WW	7/28/2011	8/2/2011		At natural gas main				Lanca de la constante de la co	1														1
	Area 7-S-D0A1WW	7/28/2011	8/2/2011		At natural gas main																			1
	Area 7-S-E0A1WW	7/28/2011	8/2/2011		At natural gas main																			
	Area 7-S-F0A1WW	7/28/2011	8/2/2011	2.48	At natural gas main																			T

Sample concentration exceeds TSCA limit (50 mg/kg)
 Sample concentration exceeds site RO, but below TSCA
 Sample concentration does not exceed site RO (1 mg/kg)



IN	ITIAL EXCAVA	ATION			RE-EXCAVAT	ION		RE-EXCAVATION
	Date	Date	PCB		Date	Date	PCB	
	Sample	Data			Sample			
Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Data Received	(mg/kg)	Comments
								Electrical lines for containment leachate system is in
Area 8-S-A1NW	9/16/2010	9/21/2010	7.87	Area 8-S-A1NW-R1	9/23/2010	9/28/2010	7.06	the way, can not excavate further.
Area 8 -S-A2NW	9/16/2010	9/21/2010	0.816					
Area 8 -S-A3EW	9/16/2010	9/21/2010	<0.0367					
Area 8 - S-A1B1	9/16/2010	9/21/2010	6.75	Area 8-S-A1B1-R1	9/23/2010	9/28/2010	8.78	Base is under water, no further excavation
Area 8 -S-A2B1	9/16/2010	9/21/2010	<0.0393					
Area 8-S-A2B1Dup	9/16/2010	9/21/2010	0.0807					



⁻ Sample concentration exceeds site RO, but below TSCA

⁻ Sample concentration does not exceed site RO (1 mg/kg)

IN	IITIAL EXCAVA	TION			RE-EXCAVATI	ON		T F	RE-EXCAVATION				RE-EXCAVA	TION				RE-EXCA	VATION	
	Date	Date	PCB		Date	Date	PCB	i .	Date	Date	PCB		Date	Date	PCB		Date	Date	PCB	
	Sample	Data			Sample				Sample	Data			Sample	Data			Sample			
Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Data Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Data Received	(mg/kg)	Comments
Area9-S-A0-WW-1	8/17/2010	8/24/2011	0.49										_							
Area9-S-A0-WW-1-DUP Area9-S-A1-NW-1	8/17/2010 8/17/2010	8/24/2011 8/24/2011	0.16		-													1		
Area9-S-A2-NW-1	8/17/2010	8/24/2011	0.11	Area9-S-A2-NW-1 R1*	9/9/2010	9/13/2010	8 25	Can't go further north due to re	tention pond											
Area9-S-A3-NW-1	8/17/2010	8/24/2011	1.6	Area9-S-A3-NW-1 R1	9/8/2010	9/10/2010		Can't go further north due to re												
Area9-S-A4-NW-1	8/17/2010	8/24/2011	0.27	7																
Area9-S-A5-NW-1	8/17/2010	8/24/2011	0.91																	
Area9-S-A1-B-1	8/17/2010	8/24/2011	0.12																	
Area9-S-A2-B-1	8/17/2010	8/24/2011	2.4	Area9-S-A2-B-1-R1	9/9/2010	9/13/2011	0.0538													
Area9-S-A3-B-1	8/17/2010	8/24/2011	<0.019																	
Area9-S-A4-B-1	8/17/2010	8/24/2011	0.25										-							
Area9-S-A5-B-1 Area9-S-A1-SW-1	8/17/2010	8/24/2011	0.32										-							
Area9-S-A1-SW-1	8/17/2010	8/24/2011 8/24/2011	0.099						_				-							
Area9-S-A3-SW-1	8/17/2010	8/24/2011	0.023															_		
Area9-S-A4-SW-1	8/17/2010	8/24/2011	0.022										+	1				+		
Area9-S-A5-SW-1	8/17/2010	8/24/2011	0.025																	
Area9-S-A6-NW-1	8/17/2010	8/24/2011	0.035																	
Area9-S-A6-NW-1 dup	8/17/2010	8/24/2011	0.075																	
Area9-S-A7-NW-1	8/17/2010	8/24/2011	0.035																	
Area9-S-B5-WW-1	8/17/2010	8/24/2011	0.061																	
Area9-S-B6-SW-1	8/17/2010	8/24/2011	0.87																	
Area9-S-B7-SW-1	8/17/2010	8/24/2011	0.21										-				_			
Area9-S-A6-B-1 Area9-S-B6-B-1	8/17/2010 8/17/2010	8/24/2011 8/24/2011	0.32										1							
Area9-S-A7-B-1	8/17/2010	8/24/2011	0.088										+							
Area9-S-A7-B-1-DUP	8/17/2010	8/24/2011	1.0	Area9-S-A7-B-1R1	9/7/2010	9/10/2010	0.116						_					_		
Area9-S-B5-B-1	8/17/2010	8/24/2011	0.12	Aleas O A/ B IIII	STILOTO	37 10/2010	0.110						+					1		
Area9-S-B5-SW-1	8/17/2010	8/24/2011	15	Area9-S-B5-SW-1 R1	9/8/2010	9/13/2010	0.614													
				Area9-S-B5-SW-1 R1 Dup	9/8/2010	9/13/2010	1.09	Average with R1 and Dup = 0.8	52=PASS											
Area9-S-A9-B-1	8/17/2010	8/24/2011	8.0	3																
Area9-S-A9-B-1-DUP	8/17/2010	8/24/2011	0.17	7																
Area9-S-A8-NW-1	8/17/2010	8/24/2011	0.033																	
Area9-S-A8-B-1	8/17/2010	8/24/2011	0.16																	
Area9-S-A9-NW-1 Area9-S-A10-NW-1	8/17/2010	8/24/2011	0.068		1				-				-					-		
Area9-S-A10-NW-1	8/17/2010	8/24/2011 8/24/2011	0.042																	
Area9-S-A10-EW-1	8/17/2010	8/24/2011	0.031															_		
Area9-S-D-8-WW	8/18/2010	8/25/2010	0.14																	
Area9-S-E-8-WW	8/18/2010	8/25/2010	0,017												77					
Area9-S-E-8-WW (DUP)	8/18/2010	8/25/2010	0.017																	
Area9-S-E8-SW	8/18/2010	8/25/2010	0.012																	
Area9-S-E9-SW	8/18/2010	8/25/2010	12	E9SW1-R1	9/3/2010	9/9/2010		Area 9 - A9SW1-R2	10/11/2010	10/15/2010	0.636									
				E9SW1-R1 Dup	9/3/2010	9/9/2010		dup NA												
Area9-S-E10-SW Area9-S-E11-SW	8/18/2010	8/25/2010		E10-SW-R1 E11-SW-R1	9/3/2010	9/9/2010		Area 9 -A10-SW-R2 Area 9 -A11-SW-R2	10/11/2010			Area 9 -A10-SW-R4 Area 9 -A11-SW-R4	10/18/2010		54.4	Area 9 -A10-SW-R5	11/4/201			Excavated to Area 10, no wall to sample Excavated to Area 10, no wall to sample
Area9-S-E11-SW Area9-S-E11-EW	8/18/2010 8/18/2010	8/25/2010 8/25/2010		Area9-S-E11-EW R1	9/3/2010	9/9/2010	0.121	Area 9 -A11-SW-R2 Area 9-A12SW	10/11/2010	10/15/2010	8.24	Alea 9 - All - SW-H4	10/18/2010	0 10/22/2010	0.645	Area 9 - A11-SW-R5	11/2/201	0 11/9/2010	10.5	Excavated to Area 10, no wall to sample
Area9-S-D11-EW	8/18/2010	8/25/2010	9.7	Area 9-S-D11-EW-R1	10/5/2010	10/12/2010	0.123	Area9-S-D11-EW-R2	5/6/2011	5/17/2011	0.409									
A9-S-D-8-B	8/17/2010	8/25/2010	0.011		15/5/2010	10/12/2010	12.0	THE PROPERTY OF THE PARTY OF TH	5/6/2011	07.772011	0,400									
A9-S-E-8-B	8/17/2010	8/25/2010	0.0063																	
A9-S-D-9-B	8/17/2010	8/25/2010		D9B1-R1	9/3/2010	9/9/2010	0.0921								4					
A9-S-E-9-B	8/17/2010	8/25/2010	3.3	A9-S-E-9-B1- R1	9/7/2010	9/10/2010	0.06													
A9-S-D-10-B	8/17/2010		0.74																	
A9-S-E-10-B	8/17/2010			No further excavation, below																
A9-S-D-11-B	8/17/2010			No further excavation, below									-							
A9-S-E-11-B	8/17/2010		2.8	No further excavation, below	water table												_			
Area9-S-PileComposite Area9-S-B9B1	8/20/2010		< 0.0379										1							
Area9-S-C10B1	8/24/2010 8/24/2010			Area9-S-C10B1 -R1	9/8/2010	9/13/2010	42.4	below GW table												
Area9-S-C10B1 DUP	8/24/2010			NA - DUP	3/6/2010	9/13/2010	42.4	DOIOW GVY (able												
Area9 S-B11NW1	8/24/2010		< 0.0319																	
Area9-S-B11-EW1	8/24/2010		< 0.0316																7.1	
Area9-S-C9-B1	8/24/2010			Area9-S-C9-B1 R1	9/8/2010	9/13/2010	0.558													
Area9-S-B10-B1	8/24/2010		<0.0368																	
Area9-S-C8-WW1	8/24/2010		<0.0313																	
Area9-S-B8-B1	8/24/2010		0.138																	
Area9-S-B11-B1	8/24/2010			Area9-S-B11-B1 R1	9/8/2010	9/13/2010	0.167													
Area9-S-C11-EW1	8/24/2010			Area9-S-C11-EW1 R1	9/9/2010	9/13/2010	0.58													
Area9-S-C11-B1	8/24/2010			Area9-S-C11-B1 R1	9/8/2010	9/13/2010	1.23	No further excavation, below w	ater table											
Area 9 - B7B1-R1 Area 9 - CF	9/7/2010								-											
	1 11/2/2010	11/16/2010	0.723											1						

^{* -} Sampled was incorrectly labeled as Area 9-S-A3NW1-R1, but was collected at A2NW1-R1

- Sample concentration exceeds TSCA limit (50 mg/kg)
- Sample concentration exceeds site RO, but below TSCA
- Sample concentration does not exceed site RO (1 mg/kg)

TABLE A-1-K AREA 10

	INITIAL I	EXCAVATION			R	E-EXCAVATI	ON			RE-EXCAV	ATION					RE-EXCAV	ATION
		Date	Date	PCB		Date	Date	PCB		Date	Date	PCB		Date	Date	PCB	
	0 1 10	Sample	Data		0 1 10	Sample	Data	(01.110	Sample	Data			Sample	Data		
ation	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Comments
	Area 10-T-B1 (cooler hi temp)	10/7/2010	10/14/2010	45													
	Area 10-T-EW1 (cooler hi temp)	10/7/2010	10/14/2010	0.605													
A AREA	Area 10-T-WW1 (cooler hi temp)	10/7/2010	10/14/2010	0.221													
	Area 10-T-NW1 (cooler hi temp)	10/7/2010	10/14/2010														
	Area 10-T-SW1 (cooler hi temp)	10/7/2010	10/14/2010	512	Area 10-T-SW-R1	10/18/2010	10/22/2010	65.8	T-C0A1B1	10/28/2010	11/3/2010		will be remove				
									T-COA1SW	10/28/2010	11/3/2010	329	T-D0A1EW				will be removed with non-TSCA excavation
														11/4/2010			will be removed with non-TSCA excavation
									T-COA2B1	10/28/2010	11/3/2010		will be remove	AND THE PERSON NAMED IN THE	TOWNSON SHEET SHEE		
									T-COA2SW	10/28/2010	11/3/2010		will be remove				
									T-C0A2EW	10/28/2010	11/3/2010	2.77	will be remove	d with non-TS	CA excavation	on	
					Area 10-T-S-Base		10/22/2010	< 0.0379									
					Area 10-T-S-EW	10/18/2010	10/22/2010	242	T-B0A2NW	10/28/2010	11/3/2010	1.23	will be remove	d with non-TS	CA excavation	on	
									T-BOA2NW-DUP	10/28/2010	11/3/2010	1.59	will be remove	d with non-TS	CA excavation	on	
			-						T-B0A2B1	10/28/2010	11/3/2010	0.136					
									T-B0A2EW	10/28/2010	11/3/2010	0.825					
					Area 10-T-S-WW	10/18/2010	10/22/2010	0.298									
	Area 10-S-A1SW	10/8/2010	10/14/2010	< 0.0373													
	Area 10-S-A2SW	10/8/2010	10/14/2010		Area 10-S-A2SW-R1	10/21/2010	10/27/2010	1.18	excavated to concr	ete slab to Tri	im Bldg						
	Area 10-S-A3SW	10/8/2010	10/14/2010	0.093												1	
	Area 10-S-A0WW	10/8/2010	10/14/2010														
	Area 10-S-B0WW	10/8/2010	10/14/2010	<0.0307													
	Area 10-S-E2NW	10/8/2010	10/14/2010		Area joined to Area 9,	this wall is re	moved										
	Area 10-S-E1NW	10/8/2010	10/14/2010	<0.0382	rii da joinida to rii da e,	triio train io roi	1										
	Area 10-S-D0WW	10/8/2010	10/14/2010	< 0.0397													
	Area 10-S-C0WW	10/8/2010	10/14/2010	< 0.0317													
	Area 10-North Pile-1	10/6/2010	10/12/2010	0.121													
	Area 10-North Pile -2	10/6/2010	10/12/2010		test pit within Area 10												
	Area 10-South Pile-1	10/6/2010	10/12/2010		test pit within Area 10												
	Area 10-South Pile-2	10/6/2010	10/12/2010		test pit within Alea 10												
	Area 10-S-A4SW	10/15/2010	10/12/2010	0.0848													
	Area 10-S-A5SW	10/15/2010	10/21/2010	0.093													
	Area 10-S-A6SW	10/15/2010	10/21/2010	The second second second			-										
	Area 10-3-A03W Area 10-S-E3NW	10/15/2010	10/21/2010	0.0398													
	Area 10-S-E4NW	10/15/2010	10/21/2010	<0.0330													
	Area 10-S-F4WW	10/15/2010	10/21/2010	0.688													
	Area 10-S-G5NW	10/15/2010	10/21/2010														
	Area 10-S-G5NW Area 10-S-A7SW	10/15/2010	10/21/2010		excavated up to concr	ete clah on T	rim Rida										
	Area 10-S-A75W Area 10-S-A8EW		10/27/2010		Area 10-S-A8EW-R1			AFF	A8EW-R2	11/10/2010	11/16/2010	2.67	A8EW-R3	11/23/2010	12/2/2010	0.629	
	Area 10-S-A8SW	10/21/2010			Area 10-S-A8EW-R1	11/2/2010	11/9/2010	45.5	can't excavate furth			da for woot b	MOEVV-M3	11/23/2010	12/2/2010	0.029	
					Alea 10-3-A03W-R1	11/2/2010	11/9/2010	2.39	carri excavate furtr	lei - concrete	SIAU LU I IIIII BIO	ig for west na	an.		-		
	Area 10-S-G6NW Area 10-S-G7NW	11/2/2010	11/9/2010		Area 10-S-G7NW-R1	11/11/0010	11/16/0010	0.14									
	Alea 10-5-G/NW	11/2/2010	11/9/2010														
	Area 10-S-G8NW	11/0/0010	11/0/0010		Area 10-S-G7NW-R1-									-		-	
	TO CHARLES AND CHARLES CONTROL OF THE CONTROL OF TH	11/2/2010	11/9/2010		Area 10-S-G8NW-R1	ALCOHOLD DE LA COLUMNIA DEL COLUMNIA DEL COLUMNIA DE LA COLUMNIA D											
	Area 10-S-A9SW	11/10/2010	11/16/2010		A9SW-R1		12/2/2010		CONIMA DO	10/0/0010	10/15/0010	44.5	000114/ 50	10/00/0010	10/00/00/	0.000	
	Area 10 -S-G9NW	11/15/2010	11/19/2010		G9NW-R1	11/23/2010	12/2/2010	15.6	G9NW-R2	12/9/2010	12/15/2010	11.3	G9NW-R3	12/20/2010	12/30/2010	0.368	
	Area 10 -S-G10EW-D	11/15/2010	11/19/2010		NA-DUP	11/00/20:-	10/6/22/								,		
	Area 10 -S-G10EW	11/15/2010	11/19/2010		G10EW-R1	11/23/2010	12/2/2010	47.5	excavated to concr	ete slab on ea	ast						
	Area 10 -S-C10EW	11/15/2010	11/19/2010	0.377													
	Area 10 -S-D10EW	11/15/2010	11/19/2010		D10EW-R1		12/2/2010		excavated to concr								
	Area 10 -S-E10EW	11/15/2010	11/19/2010		E10EW-R1		12/2/2010		excavated to concr								
	Area 10 -S-F10EW	11/15/2010	11/19/2010		F10EW-R1		12/2/2010		excavated to concr	ete slab on ea	ast						
					B10EW	11/23/2010	12/2/2010	0.57									

Sample concentration exceeds TSCA limit (50 mg/kg)
 Sample concentration exceeds site RO, but below TSCA
 Sample concentration does not exceed site RO (1 mg/kg)

INI	TIAL EXCAVAT	TION		R	E-EXCAVATION				RE-EXCAVAT	ION			RE-EXCAVATION	ON		RI	-EXCAVATION	V			RE-EXCAVATION	N	
Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB
Area12-S-SR3-A0A1B1	8/24/2010	8/27/2007	(IIIg/kg)	Area12-S-SR3-A0A1B1-R1	9/22/2010	9/27/2010	(IIIg/Kg)	Sample ID	Shipped	Data Neceiveu	(IIIg/kg)	Sample 1D	Shipped	neceived	(mg/kg)	Sample ID	Sinppeu	Heceived	(mg/kg)	Sample ID	Snipped	Data neceived	(IIIg/kg
Area12-S-SR3-					-																		
AOA1B1DUP	8/24/2010	8/27/2007	320	0																			
Area12-S-SR3-A0WW1	8/24/2010	8/27/2007	120	Area12-S-SR3-A0WW1-R1	9/22/2010	9/27/2010	21.1	Area12-S-A0WW1-R2	10/5/2010	10/12/2010	41.	1 Area12-S-A0WW1-R3	10/15/2010	10/21/2010	< 0.031	D							
Area12-S-SR3-A1NW1	8/24/2010	8/27/2007	140	0 Area12-S-SR3-A1NW1-R1	9/22/2010	9/27/2010	3(Area12-S-A0NW1-R2	10/5/2010	10/12/2010	74	5 Area12-S-A0NW1-R3	10/15/2010	10/21/2010	5.5	Area12-S-A0NW1-R4	10/25/2010	10/28/2010	11.5	Area12-S-A0NW1-R5	no sample, excavated to footers		
Area12-S-SR3-A1SW1	8/24/2010	8/27/2007		SW removed, now joins Area 13, no wall remains.	0/202010	0/2//2010		10012 0 7101111 112	10.0.2010	131102010	1 40		10/10/2010	10/21/2010	0.0	The date of the training of th	10/20/2010	10/20/2010	11.0	THE CONCINTATION	licotorio		
Area12-S-SR3-A2EW1	8/24/2010	8/27/2007	260	Area12-S-SR3-A2EW1 -R1	9/22/2010	9/27/2010	1.46	Area12-S-A0EW1 -R2	10/5/2010	10/12/2010	85.8	8 Area12-S-A0EW1 -R3	10/15/2010	10/21/2010	1.04	Area12-S-A0EW1 -R4	10/25/2010	10/28/2010	23.5	Area12-S-A0EW1 -R5	11/2/2010	11/9/2010	2
												Area 12-S-A0A2B1	10/15/2010	10/21/2010	2.99	Area 12-S-A0A2B1-R1	10/25/2010	10/28/2010	16.1	Area 12-S-A0A2B1-R2	11/2/2010	11/9/2010	J 15
												Area 12-S-B0WW1	10/15/2010	10/21/2010	3.78	Area 12-S-B0WW1-R1	10/25/2010	10/28/2010	4.16	Area 12-S-B0WW1-R2	11/2/2010	11/9/2010	0.6
												Area 12-S-A0A0B1	10/15/2010	10/21/2010	20	Area 12-S-A0A0B1-R1	10/25/2010	10/28/2010	57.5	Area 12-S-A0A0B1-R2	11/8/2010	11/12/2010	0 19.8
																Area 12-S-A0A0B1-R1 Dup	10/25/2010	10/28/2010	68.5	Area 12-S-A0A0B1-R2D	11/8/2010	11/12/2010	20.7
												Area 12-S-B0A1B1	10/15/2010	10/21/2010	18.6	Area 12-S-B0A1B1-R1	10/25/2010	10/28/2010	7.81	Area 12-S-B0A1B1-R2	11/2/2010	11/9/2010	j
												Area 12-S-B0A1B1Dup	10/15/2010	10/21/2010	19.8	not applicable - dup				not applicable - dup			
												Area 12-S-B0A2NW1	10/25/2010	11/3/2010	29	Area 12-S-B0A2NW1-r1	11/2/2010	11/9/2010	240	Area 12-S-B0A2NW1-r2		11/10/2010	
												Area 12-S-B0EW1	10/25/2010	10/28/2010	120	Area 12-S-B0EW1-R2	11/4/2010	11/10/2010	1020	B0EW-R3	11/23/2010	12/2/2010) 4

F	RE-EXCAVATION	ON			RE-EXCAVATION				RE-EXCAVAT	ION			RE-EXCAVATI	ON			RE-I	XCAVATION		
Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Comments
DEW-R5	11/11/2010	11/18/2010	14.1	A0EW-R6	11/23/2010	12/2/2010	18.2 AOÉ	EW-R7	12/3/2010	12/8/2010	0.828									
o further excavation ossible- concrete slab accountered																				
EW-R4	12/6/2010	12/9/2010	15.9	B0EW-R5	12/14/2010	12/17/2010	0.119													
0A0B1	11/11/2010	11/18/2010		No further excavation - below water table																
0A2B1	11/11/2010	11/18/2010	10.4	No further excavation - below water table																
0A0B1	11/11/2010	11/18/2010		No further excavation - below water table											1					
0A1B1	11/11/2010	11/18/2010	43.9	No further excavation - below water table			Nex													
0A2B1	11/11/2010	11/18/2010	252	C0A2B1-R1	11/23/2010	12/2/2010	47.8 belo	further excavation - ow water table be addressed in												
DA2NW	11/11/2010	11/18/2010	32.3	C0A2Nw-R1	12/14/2010	12/17/2010		plemental Remedial											. 4	
0A0WW	11/11/2010	11/18/2010	0.609																	
osw	11/11/2010	11/18/2010		A0SW-R1	11/23/2010	12/2/2010	174 A0S	SW-R3	12/6/2010	12/9/2010	47.9	material removed, no SW remains								
ast Side-Grab	11/11/2010	11/18/2010	< 0.0483									A0SW-WW	12/15/2010	12/21/2010		A0SWWW-R1	1/27/2011	2/1/2011	0.735	
												A0SW-EW	12/15/2010	12/21/2010	69.1	A0SWEW-R1	1/26/2011	1/31/2011	0.429	o further excavation
DA2NW	11/12/2010	11/19/2010	70.4	A0A2NW-R1	12/14/2010	12/17/2010	6.15 A0A	ONIW/ DO	1/26/2011	1/21/0044	0.000					A0B1	12/15/2010	12/21/2010		elow water table
UMZINVV	11/12/2010	11/19/2010	12.4	COA2EW	11/23/2010	12/2/2010	17.1 COA		12/3/2010	1/31/2011 12/8/2010	<0.0324		-				+			
				COA2EW-DUP	11/23/2010	12/2/2010	14 NA-		12/3/2010	12/0/2010	0.033						_			

- Sample concentration exceeds TSCA limit (50 mg/kg)
- Sample concentration exceeds site RO, but below TSCA
- Sample concentration does not exceed site RO (1 mg/kg)

INIT	IAL EXCAVA	TION		R	E-EXCAVAT	ON		RE-I	XCAVATIO	N		RE-EX	CAVATION			RE	-EXCAVATION	V	
Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg
Area13-S-A1-NW1	8/20/2010	8/27/2010	0.9																1
Area13-S-A2-NW1	8/20/2010	8/27/2010	12	Area13-S-A2-NW1 R1	9/8/2010	9/13/2010	43.7	Area 13-S-A2NW1-R2	9/23/2010	9/28/2010	52.7	Area 13-S-A2NW1-R2	10/5/2010	10/13/2010	19.3	Wall removed and joins	Area 12 - no sa	mple	
												Area 13-S-A2NW1-R2 Dup	10/5/2010	10/13/2010	54.6	Wall removed and joins	Area 12 - no sa	ample	
Area13-S-A3-NW1	8/20/2010	8/27/2010	270	Area13-S-A3-NW1-R1	9/22/2010	9/27/2010	79.7	Area13-S-A3-NW1-R2	10/5/2010	10/12/2010	0.163								
Area13-S-A0-WW1	8/20/2010	8/27/2010	110	Area13-S-A0-WW1 R1	9/8/2010	9/13/2010	310	Area13-S-A0-WW1 R2	9/27/2010	9/30/2010	47.1	Area13-S-A0-WW1 R2	10/5/2010	10/13/2010	5.58	Area13-S-A0-WW1 R3	10/29/2010	11/9/2010	2
Area13-S-B0-WW1	8/20/2010	8/27/2010	32	Area13-S-B0-WW1-R-1	8/31/2010	9/3/2010	< 0.0328												
Area13-S-C0-WW1	8/20/2010	8/27/2010	0.31																
Area13-S-A4-EW1	8/20/2010	8/27/2010	800	Area13-S-A4-EW1-R1	9/8/2010	9/13/2010	1140	Area13-S-A4-EW1-R2	9/27/2010	9/30/2010	0.833								
Area13-S-B4-EW1	8/20/2010	8/27/2010	230	Area13-S-B4-EW1-R1	9/8/2010	9/13/2010	554	Area13-S-B4-EW1-R2	9/23/2010	9/28/2010	37.8	Area13-S-B4-EW1-R2	10/5/2010	10/13/2010	23.7	Area13-S-B4-EW1-R3	10/21/2010	27-Oc	t 18
Area13-S-C4-EW1	8/20/2010	8/27/2010	2.3	Area13-S-C4-EW1-R1	9/8/2010	9/13/2010	4.8	Area13-S-C4-EW1-R2	9/27/2010	9/30/2010	8.35	Area13-S-C4-EW1-R2	10/5/2010	10/13/2010	2.78	Area13-S-C4-EW1-R3	10/21/2010	10/27/2010	7.0
Area13-S-A1-SW1	8/20/2010	8/27/2010	0.19																
Area13-S-A1-SW1 (DUP)	8/20/2010	8/27/2010	0.11											_					
Area13-S-COA2B1	8/20/2010	8/27/2010	8.1	Area13-S-COA2B1 R-1	9/1/2010	9/7/2010	36.6	Area13-S-COA2B1 R-2	9/22/2010	9/27/2010	39.7	Area13-S-COA2B1 R-2	10/5/2010	10/13/2010	23.8	below water table, work of	complete		
Area13-S-COA3B1	8/20/2010	8/27/2010	57	Area13-S-COA3B1-R1	9/8/2010	9/13/2010	7.65	Area13-S-COA3B1-R2	9/22/2010	9/27/2010	3.21	Area13-S-COA3B1-R2	10/5/2010	10/13/2010	33.9	below water table, work of	complete		
Area13-S-COA3B1 (DUP)	8/20/2010	8/27/2010	58	na - DUP				na - DUP				Area13-S-COA3B1-R2 DUP	10/5/2010	10/13/2010	29.5	below water table, work of	complete		
Area13-S-A2-SW1	8/20/2010	8/27/2010	7.7	Area13-S-A2-SW1 R-1	9/1/2010	9/7/2010	< 0.0336												
Area13-S-A3-SW1	8/20/2010	8/27/2010	0.85																
Area13-S-A0A1B1	8/20/2010	8/27/2010	220	Area13-S-A0A1B1-R1	9/8/2010	9/13/2010	163	Area13-S-A0A1B1-R2	9/27/2010	9/30/2010	13.6	Area13-S-A0A1B1-R2	10/5/2010	10/13/2010	36.3	below water table, work of	complete		
Area13-S-A0A2B1	8/20/2010	8/27/2010	200	Area13-S-A0A2B1-R1	9/8/2010	9/13/2010	172	Area13-S-A0A2B1-R2	9/23/2010	9/28/2010	2.32	Area13-S-A0A2B1-R2	10/5/2010	10/13/2010	11.7	below water table, work of	complete		
								Area13-S-A0A2B1-R2-DUF	9/23/2010	9/28/2010	2.8	NA - dup							
Area13-S-A0A3B1	8/20/2010	8/27/2010	150	Area13-S-A0A3B1-R1	9/8/2010	9/13/2010		Area13-S-A0A3B1-R2	9/22/2010	9/27/2010		Area13-S-A0A3B1-R2	10/5/2010	10/13/2010	33.9	below water table, work of	complete		
								Area13-S-A0A3B1-R2-DUP	9/22/2010	9/27/2010	6.43	NA - dup							
Area13-S-B0A1B1	8/20/2010	8/27/2010		Area13-S-B0A1B1-R-1	8/31/2010	9/3/2010	-	Area13-S-B0A1B1-R-2	9/27/2010	9/30/2010		Area13-S-B0A1B1-R-2		10/13/2010	139	Area13-S-B0A1B1-R3	10/18/2010	10/22/2010	
Area13-S-B0A2B1	8/20/2010	8/27/2010	3.2	Area13-S-B0A2B1-R-1	8/31/2010	9/3/2010	30.5	Area13-S-B0A2B1-R-2	9/22/2010	9/27/2010		Area13-S-B0A2B1-R-2	10/5/2010	10/13/2010	69.5	Area13-S-B0A2B1-R3	10/18/2010	10/22/2010	0.92
Area13-S-B0A3B1	8/20/2010	8/27/2010	320	Area13-S-B0A3B1-R1	9/8/2010	9/13/2010	140	Area13-S-B0A3B1-R2	9/23/2010	9/28/2010	5.32	Area13-S-B0A3B1-R2	10/5/2010	10/13/2010	3.65	below water table, work of	complete		
Area13-S-C0A1B1	8/20/2010	8/27/2010	0.54																

	RE-EXCAVATION	ON		P	RE-EXCAVAT	ION		R	E-EXCAVATION	1		RE-E	XCAVATION	1		RI	E-EXCAVATIO	N			RE-EXCAVA	TION			RE-EXCAVAT	ION	
Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	
rea13-S-A0-WW1 R4	11/10/2010	11/16/2010	25.4	AOWW-R5	11/18/2010	11/23/2010	23.9	AOWW-R6	12/3/2010	12/8/2010	7.33	A0WW-R7		12/21/201		A0WW-R8 A0B1-R1	1/25/2011	1/28/2011		AOWW-R9	2/7/2011	2/10/2011		A0WW-R10	3/4/2011		1 0.0
												AONW		12/21/201		AUB1-H1	1/25/2011	1/28/201	386	A0B1-R2	2/8/2011	2/14/2011	10.80	No further excavat	ion- under wa	iter.	+
												A0SW	#######	12/21/201	3.63	A0SW-R1	1/25/2011	1/28/201	0.994								
rea13-S-B4-EW1-R4	11/1/2010	11/5/2010 11/5/2010	23.8	Area13-S-B4-EW1-R5	11/8/2010	11/12/2010	6.04	B4-EW-R6	11/18/2010	11/23/2010	0.721										-						+
rea13-S-C4-EW1-R4	11/1/2010	11/5/2010	0.908						1		-						1		+		+						+
									_		-								-		-					_	+
																					1						
											-				-		_				-						+-
															-				$\overline{}$		_						+-
elow water table, work c	omplete										-										-						+-
																											+

- Sample concentration exceeds TSCA limit (50 mg/kg)
- Sample concentration exceeds site RO, but below TSCA
- Sample concentration does not exceed site RO (1 mg/kg)

TABLE A-1-N AREA 14

INI	TIAL EXCAVA	ATION	RE-EXCAVATION						
	Date Sample	Date Data	PCB		Date Sample	Date Data	PCB		
Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)		
Area14-S-A2-NW-1	8/19/2010	8/24/2010	0.019						
Area14-S-A1-NW-1	8/19/2010	8/24/2010	0.18						
Area14-S-A0-WW-1	8/19/2010	8/24/2010	1.2	Area14-S-A0-WW-1 R-1	8/31/2010	9/3/2010	0.161		
				Area14-S-A0-WW-1 R-1 dup	8/31/2010	9/3/2010	0.13		
Area14-S-B0-WW-1	8/19/2010	8/24/2010	0.2			4			
Area14-S-A1-SW-1	8/19/2010	8/24/2010	2.1	Area14-S-A1-SW-1 R-1	9/1/2010		0.0834		
Area14-S-B3-EW-1	8/19/2010	8/24/2010	0.23						
Area14-S-A3-EW-1	8/19/2010	8/24/2010	0.16						
Area14-S-A2-SW-1	8/19/2010	8/24/2010	1.7	Area14-S-A2-SW-1 R-1	9/1/2010		0.164		
Area14-S-B1-B1	8/19/2010	8/24/2010	0.26						
Area14-S-B1-B1 (DUP)	8/19/2010	8/24/2010	0.31						
Area14-S-A2-B1	8/19/2010	8/24/2010	0.63						
Area14-S-B2-B1	8/19/2010	8/24/2010	0.39						
Area14-S-A1-B1	8/19/2010	8/24/2010	2	Area14-S-A1-B1 R-1	8/31/2010	9/3/2010	0.4		

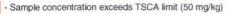


⁻ Sample concentration exceeds site RO, but below TSCA

⁻ Sample concentration does not exceed site RO (1 mg/kg)



	INITIAL EXCAVA	TION			RE-EXCAVATION						
	Date Sample	Date Data	PCB		Date Sample	Date	PCB		Date Sample	Date Data	PCB
Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Data Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)
SD-C001A	10/14/2010	10/18/2010	0.311								
SC-C002A	10/14/2010	10/18/2010	1.84	SD-C002A - DEEPR1	11/1/2010	11/5/2010	0.592				
SD-C002A - DEEP	10/14/2010	10/21/2010	0.28	SD-C002A - DEEPR1-D	11/1/2010	11/5/2010	0.393				
SD-C003A	10/14/2010	10/18/2010									
SD-C003A-DEEP	10/14/2010	10/21/2010	0.0388								
SD-C004A	10/14/2010	10/18/2010	1.16	SD-C004A-DEEPR1	11/1/2010	11/5/2010	0.609			T.	
SD-C004A-DEEP	10/14/2010	10/21/2010	0.434								
SD-C005A	10/15/2010	10/21/2010	0.922								
SD-C005A-DEEP	10/15/2010	10/21/2010	0.794								
SD-C006A	10/15/2010	10/21/2010	0.793								
SD-C007A	10/15/2010	10/21/2010	5.99	SD-007A-R1	11/8/2010	11/12/2010	1.46	SD-007A-R2	12/9/2010	12/15/2010	0.529
				SD-007B-R1	11/8/2010	11/12/2010	0.824				
SD-C008A	10/15/2010	10/21/2010	3.08	SD-008A-R1	11/8/2010	11/12/2010	2.02	SD-008A-R2	12/9/2010	12/15/2010	0.502
SD-C008B	10/18/2010	10/22/2010	0.639	SD-008B-R1	11/8/2010	11/12/2010	0.263				



- Sample concentration exceeds site RO, but below TSCA
 - Sample concentration does not exceed site RO (1 mg/kg)

TABLE A-1-P **NEW SMELTER SLAB** OUTBOARD MARINE CORPORATION CONFIRMATION PLANT 2 SAMPLE RESULTS -- POLYCHLORINATED BIPHENYLS

		INITIAL	EXCAVATI	ON		INITIA	INITIAL EXCAVATION						
			Date	Date	PCB		Date	Date	PCB	1	Date	Date	PCB
			Sample	Data			Sample	Data			Sample	Data	
Grid	Status	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)	Sample ID	Shipped	Received	(mg/kg)
KK30	CONFIRMATION SAMPLE>1PPM	Grid-S-KK30-Base-0R	7/20/2011	7/25/2011		Grid-S-KK30-Base-2	8/4/2011	8/9/2011	1.05	,			0 0/
K30						Grid-S-KK30-NW	8/4/2011	8/9/2011	0.41				
(K30						Grid-S-KK30-NWDUP	8/4/2011	8/9/2011	0.362				
KK31	CONFIRMATION SAMPLE>1PPM	Grid-S-KK31-Base-0R	7/20/2011	7/25/2011	16.6	Grid-S-KK31-Base-2	8/8/2011	8/12/2011	8.36				
KK31						Grid-S-KK31-NW	8/8/2011	8/12/2011	2.83				
KK32	CONFIRMATION SAMPLE>1PPM	Grid-S-KK32-Base-0R	7/20/2011	7/25/2011	6.38	Grid-S-KK32-Base-2	8/8/2011	8/12/2011	26.6				
KK32						Grid-S-KK32-NW	8/8/2011	8/12/2011	9.96				
KK33	CONFIRMATION SAMPLE>1PPM	Grid-S-KK33-Base-0R	7/20/2011	7/25/2011	11.4	Grid-S-KK33-Base-2	8/4/2011	8/9/2011	13.1				
KK33						Grid-S-KK33-NW	8/4/2011	8/9/2011	11.3				
KK34	CONFIRMATION SAMPLE>1PPM	Grid-S-KK34-Base-0R	7/20/2011	7/25/2011	55.8	Grid-S-KK34-Base-2	8/4/2011	8/9/2011	67	Grid-S-KK34-Base-3	8/10/2011	8/16/2011	9.12
KK34						Grid-S-KK34-NW	8/4/2011	8/9/2011	4.72				
KK34						Grid-S-KK34-EW	8/4/2011	8/9/2011	34.1				
KK35	CONFIRMATION SAMPLE>1PPM	Grid-S-KK35-Base-0	7/7/2011	7/12/2011	16.8								
KK36	CONFIRMATION SAMPLE>1PPM	Grid-S-KK36-Base-0R	7/20/2011	7/25/2011	11.7	Grid-S-KK36-Base-2	8/9/2011	8/12/2011	9.35				
KK36		Grid-S-KK36-EW	8/9/2011	8/12/2011	13.1	Grid-S-KK36-Base-2Dup	8/9/2011	8/12/2011	9.3				
LL30	CONFIRMATION SAMPLE <1ppm	Grid-S-LL30-Base-0R	7/20/2011	7/25/2011	0.298								
LL31	CONFIRMATION SAMPLE>1PPM	Grid-S-LL31-Base-0R	7/20/2011	7/25/2011	33.2	Grid-S-LL31-Base-2	7/28/2011	8/2/2011	12.6				
LL32	CONFIRMATION SAMPLE>1PPM	Grid-S-LL32-Base-0R	7/20/2011	7/25/2011	4.03								
LL33	TSCA	Grid-S-LL33-Base-0R	7/20/2011	7/25/2011	16.7	Grid-S-LL33-Base-2	7/28/2011	8/2/2011	72				
LL34	CONFIRMATION SAMPLE>1PPM	Grid-LL34-F-EastWall	6/28/2011	7/1/2011	3.33								
LL34	CONFIRMATION SAMPLE>1PPM	Grid-LL34-F-South Wall	6/28/2011	7/1/2011	6.02								
LL34	CONFIRMATION SAMPLE>1PPM	Grid-LL34-F-West Wall	6/28/2011	7/1/2011	22.1								
LL34	CONFIRMATION SAMPLE>1PPM	Grid-LL34-S-Base-0R	7/20/2011	7/25/2011	66.6	Grid-S-LL34-Base-2	7/29/2011	8/4/2011	11.9				
LL34	CONFIRMATION SAMPLE>1PPM	Grid-LL34-S-Base-0RDUP	7/20/2011	7/25/2011	84.6								
LL34	CONFIRMATION SAMPLE>1PPM	Grid-LL34-F-North Wall	6/28/2011	7/1/2011	10								
LL35	CONFIRMATION SAMPLE>1PPM	Grid-LL35-S-Base-0R	7/20/2011	7/25/2011	57	Grid-S-LL35_Base-2	7/29/2011	8/4/2011	29.7				
LL36	CONFIRMATION SAMPLE>1PPM	Grid-LL36-S-Base-0R	7/20/2011	7/25/2011	12.7	Grid-S-LL36-Base-2	8/8/2011	8/12/2011	18.3				
LL36	CONFIRMATION SAMPLE>1PPM	Grid-LL36-S-Base-0RDUP	7/20/2011	7/25/2011	14								
MM30	CONFIRMATION SAMPLE <1ppm	Grid-S-MM30-Base-0R	7/20/2011	7/25/2011	0.714								
MM31	CONFIRMATION SAMPLE>1PPM	Grid-S-MM31-Base-0R	7/20/2011	7/25/2011	14.5	Grid-S-MM31-Base-2	7/28/2011	8/2/2011	17.1				
MM32	CONFIRMATION SAMPLE>1PPM	Grid-S-MM32-Base-0R	7/20/2011	7/25/2011	10	Grid-S-MM32-Base-2	7/28/2011	8/2/2011	16.7				
MM33	CONFIRMATION SAMPLE>1PPM	Grid-S-MM33-Base-0R	7/20/2011	7/25/2011	12.8	Grid-S-MM33-Base-2	7/28/2011	8/2/2011	10.3				
MM34	CONFIRMATION SAMPLE>1PPM	Grid-S-MM34-Base-0R	7/20/2011	7/25/2011	59.3	Grid-S-MM34-Base-2	7/29/2011	8/4/2011	28.9				
						Grid-S-MM34-Base-2DUP	7/29/2011	8/4/2011	22.7				
MM35	TSCA			7/25/2011		Grid-S-MM35-Base-2	7/29/2011	8/4/2011	27.9				
MM36	CONFIRMATION SAMPLE>1PPM	Grid-MM36-S-Base-0R	7/20/2011	7/25/2011	15.3	Grid-S-MM36-Base-2	8/9/2011	8/12/2011	317				
MM37	CONFIRMATION SAMPLE>1PPM	Grid-S-MM37-Base-0R	7/20/2011	7/25/2011	12.3	Grid-S-MM37-Base-2	8/9/2011	8/12/2011	1.57				
MM37						Grid-S-MM37-EW	8/9/2011	8/12/2011	1.27				
MM37						Grid-S-MM37-NW		8/12/2011	3.42				
NN30			7/20/2011			Grid-S-NN30-Base-2	7/28/2011	1	1.87				
NN30				7/7/2011		Grid-S-NN30-Base-2 Dup		8/2/2011	6.27				
NN31	CONFIRMATION SAMPLE>1PPM			7/25/2011		Grid-S-NN31-Base-2	7/28/2011	8/2/2011	6.07				
NN31				7/7/2011	0.0566								
VN32				7/25/2011	0.498								
NN32	CONFIRMATION SAMPLE>1PPM			7/12/2011		Grid-S-NN32-SW	7/28/2011	8/2/2011	3.92	Grid-S-NN32-SW-R2	8/9/2011	8/12/2011	2.76
NN33			7/20/2011		0.457								
VN33				7/12/2011		Grid-S-NN33-SW		8/2/2011		Grid-S-NN33-SW-R2		8/12/2011	5.52
NN34			7/20/2011			Grid-C-NN34-Base-2		8/4/2011		Grid-C-NN34-Base-2			3.07
VN34				7/12/2011		Grid-S-NN34-SW		8/2/2011		Grid-S-NN34SW-R2	8/9/2011	8/12/2011	6.4
N35	CONFIRMATION SAMPLE>1PPM		7/20/2011			Grid-S-NN35-Base-2	7/29/2011	8/4/2011	2.52				
NN35	CONFIRMATION SAMPLE>1PPM				18.9								
NN36		Grid-S-NN36-Base-0R	7/20/2011			Grid-S-NN36-Base-2	-	8/4/2011	7.47				
NN37			7/20/2011			Grid-S-NN37-Base-2		8/4/2011	4.17		9		
NN38			7/20/2011			Grid-S-NN38-Base-2		8/2/2011	2.57				
NN38		Grid-S-NN38-Base-0R DUP			15.4	Grid-S-NN38-NW	7/29/2011	8/4/2011	2.25				
NN38	CONFIRMATION SAMPLE <1ppm		7/29/2011		0.736								
NN38	CONFIRMATION SAMPLE>1PPM	Grid-S-NN38-EW	7/29/2011	8/4/2011	1.46								

⁻ Sample concentration exceeds TSCA limit (50 mg/kg)
- Sample concentration exceeds site RO, but below TSCA
- Sample concentration does not exceed site RO (1 mg/kg)

TABLE A-1-Q MISCELLANEOUS FILL AND PILE SAMPLE ANALYTICAL RESULTS OMC PLANT 2 PHASE II REMEDIAL ACTIONS

11	NITIAL EXCAVATION	N		RE-EXCAVATION							
Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)	Sample ID	Date Sample Shipped	Date Data Received	PCB (mg/kg)				
WWJ15	9/16/2010	9/21/2010	0.293								
NWK16	9/16/2010	9/21/2010	0.111								
Fill-L19-NW	9/21/2010	9/27/2010	0.0242								
Grid I19- Base (3ft)	10/1/2010	10/6/2010	54.6	Removed as TSCA							
Grid I19-WW-3ft	10/1/2010	10/6/2010	9.27	Removed as Sub D							
Grid I19-NW-2ft	10/1/2010	10/6/2010	0.177								
Grid I19-NW-3ft	10/1/2010	10/6/2010	11.4	Removed as Sub D							
Grid H14-EW	10/1/2010	10/6/2010	< 0.163								
Grid H18 - Stockpile	10/5/2010	10/13/2010	93.9	Removed as TSCA							
Grid H19 - Stockpile	10/5/2010										
South Pile-CF	11/2/2010	11/9/2010	0.907								
North Pile-CF	11/2/2010	11/9/2010	0.296								
Grid-D9-Stockpile-East	11/9/2010	11/12/2010	0.392								
Grid-D9-Stockpile-West	11/9/2010	11/12/2010	2.47	Grid-D9-Stockpile-West-R1	11/30/2010	12/8/2010	1.39				
North Pile CF-West	11/3/2010	11/10/2010	0.234								
NSB-CF-Pile East	7/8/2011	7/13/2011	0.365	New Smelter Slab Clean Fill							
NSB-CF-Pile Center	7/8/2011	7/13/2011	0.488	New Smelter Slab Clean Fill							
NSB-CF-Pile West	7/8/2011	7/13/2011	0.912	New Smelter Slab Clean Fill							
NSS-C-North	7/8/2011	7/13/2011	2.26	Crushed concrete from New Smelt	er Slab used as OD	C backfill					
NSS-C-Center	7/8/2011	7/13/2011	0.989	Crushed concrete from New Smelt	er Slab used as OD	C backfill					
NSS-C-South	7/8/2011	7/13/2011	2.45	Crushed concrete from New Smelt	er Slab used as OD	C backfill					
Grid-S-C21-D22-Comp	7/8/2011	7/13/2011	6.99	Sampled fill placed in DNAPL Grid	ds, later graded to be	elow water table					
Grid-S-E21-F22-Comp	7/8/2011	7/13/2011	6.27	Sampled fill placed in DNAPL Grid	is, later graded to be	elow water table					
Grid-S-G21-H22-Comp	7/8/2011	7/13/2011	5.43	Sampled fill placed in DNAPL Grid	is, later graded to be	elow water table					
Grid-S-I21-J22-Comp	7/8/2011	7/13/2011	5.62	Sampled fill placed in DNAPL Grid	is, later graded to be	elow water table					
Area 10-North Pile-1	10/6/2010	10/12/2010	0.121								
Area 10-North Pile-2	10/6/2010	10/12/2010	1.4								
Area 10-South Pile-1	10/6/2010	10/12/2010	48.9								
Area 10-South Pile-2	10/6/2010	10/12/2010	< 0.0366								

Sample concentration exceeds TSCA limit (50 mg/kg)
 Sample concentration exceeds site RO, but below TSCA
 Sample concentration does not exceed site RO (1 mg/kg)

TABLE A-2-A PLANT 2 GRIDS CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	2 () 4	n ()	D 419 4	D 010 0				
The second secon	Collection	Report	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Naphthalene	Comments
SITI	REMEDIATION GOALS	-	1.8	2.1	2	6.2	0.42	1.6	1.8	
OMC-S-H14EW	10/1/2010	10/6/2010	0.3200	0.2960	0.4640	0.5150	0.0748	0.1400	< 0.0148	
OMC-S-GridI19-Base-3ft	10/1/2010	10/6/2010	0.3320	0.2670	< 0.220	0.4480	< 0.0869	< 0.18	< 0.0812	
OMC-S-GridI19-WW-3ft	10/1/2010	10/6/2010	0.0662	0.0693	0.0596	0.0711	< 0.02	< 0.0413	< 0.0187	
OMC-F-GridI19-NW-2ft	10/1/2010	10/6/2010	< 0.0108	< 0.00782	< 0.0372	< 0.0362	< 0.0147	< 0.0303	< 0.0137	
OMC-F-GridI19-NW-3ft	10/1/2010	10/6/2010	0.1810	0.1570	0.1520	0.1290	0.0485	0.0806	< 0.0142	
Grid-S L7-2'	11/29/2010	12/6/2010	1.9200	2.2700	2.0400	1.7400	0.6370	1.2300	< 0.0145	Excavated to 3 feet, below water table
Grid-S K7-2'	11/29/2010	12/6/2010	< 0.013	< 0.00949	< 0.0451	< 0.0439	< 0.0178	< 0.0368	< 0.0166	
Grid-S J7-4'	11/29/2010	12/6/2010	0.0619	0.0498	0.0615	< 0.0446	< 0.0181	< 0.0374	< 0.0169	
Grid-S-A8-Base-R1	12/14/2010	12/17/2010	< 0.0646	< 0.047	< 0.223	< 0.217	< 0.088	<0.182	< 0.0822	
Grid-S-G15-Base-3	12/16/2010	12/22/2010	< 0.0125	< 0.00906	< 0.043	< 0.0419	< 0.017	< 0.0351	< 0.0158	
Grid-S-J19-Base-4	12/16/2010	12/22/2010	< 0.0132	< 0.00957	< 0.0455	< 0.0443	< 0.0179	< 0.0371	< 0.0167	
Grid-S-I18-Base-4	12/16/2010	12/22/2010	0.0851	0.0710	0.0860	0.0540	< 0.0187	< 0.0386	< 0.0174	
Grid-S-H17-Base-3	12/17/2010	12/23/2010	< 0.0134	< 0.00971	< 0.0461	< 0.0449	< 0.0182	< 0.0376	< 0.017	
Grid-S-H18-Base-3	12/17/2010	12/23/2010	< 0.0133	< 0.00964	< 0.0458	< 0.0446	< 0.0181	< 0.0374	< 0.0169	
Grid-S-A8-Base-R2	12/20/2010	12/30/2010	0.4260	0.1700	0.1850	0.1470	< 0.0213	0.0678	< 0.0199	
Grid-S-H22-Base-1	12/21/2010	1/4/2011	< 0.0122	< 0.0089	< 0.0423	< 0.0412	< 0.0167	< 0.0345	< 0.0156	
Grid-S-L17-Base-3	12/21/2010	1/4/2011	0.0785	0.0720	0.0661	0.0464	< 0.0164	0.0457	< 0.0153	
Grid-S-L17-Base-3 Dup	12/21/2010	1/4/2011	0.1010	0.0964	0.0826	0.0639	< 0.0168	0.0549	< 0.0157	
Grid-S-G23-Base-1	12/21/2010	1/4/2011	< 0.0111	< 0.00804	< 0.0382	< 0.0372	< 0.0151	< 0.0312	< 0.0141	
Grid-S-N16-Base-3	12/21/2010	1/4/2011	0.0964	0.1120	0.1230	0.0623	< 0.0169	0.0702	< 0.0158	
Grid-S-D6-Base-3	2/7/2011	2/10/2011	0.1150	0.1000	0.0805	0.0702	< 0.0178	0.0404	< 0.0167	
Grid-S-D7-Base-4	2/7/2011	2/10/2011	0.1550	0.0790	0.0832	0.0744	< 0.0189	< 0.0391	< 0.0176	
Grid-S-M16-Base-4	2/7/2011	2/10/2011	0.0876	0.0851	0.0861	0.0667	< 0.0224	< 0.0463	< 0.0209	7
Grid-S-C9-Base-2	4/25/2011	4/29/2011	0.2490	0.1410	0.1870	0.1280	< 0.0178	0.0660	< 0.0166	
Grid-S-08-SW	5/5/2011	5/11/2011	< 0.0129	< 0.00935	< 0.0444	< 0.0433	< 0.0175	< 0.0363	< 0.0164	
Grid-S-D11_EW-R2	5/6/2011	5/16/2011	0.1690	0.1270	0.1560	0.0991	< 0.0174	0.0817	< 0.0162	
Grid-A15-S-A1NW1	8/25/2010	8/31/2010	0.0751	0.1600	0.1420	0.1130	0.0467	0.1260	< 0.0153	
Grid-A15-S-A1B1	8/25/2010	8/31/2010	0.0842	0.1370	0.1460	0.0902	< 0.017	0.1020	< 0.0159	
Grid-A12-S-A1NW1	8/25/2010	8/31/2010	1.2700	1.4500	1.7000	1.2200	0.4430	1.0800	< 0.0148	No further excavation due to west containment cell
Grid-A12-S-A1B1	8/25/2010	8/31/2010	0.0646	0.0665	0.0862	0.0420	< 0.017	0.0506	< 0.0159	
Grid-A12-S-A1B1 Dup	8/25/2010	8/31/2010	0.0574	0.0562	< 0.0454	< 0.0442	< 0.0179	0.0406	< 0.0167	
Grid-A13-S-A1B1	8/25/2010	8/31/2010	0.1880	0.2080	0.2230	0.1420	< 0.0175	0.1370	< 0.0163	
Grid-A14-S-A1B1	8/25/2010	8/31/2010	0.0496	0.0752	0.0684	0.0492	< 0.018	0.0540	< 0.0168	

Notes:
All results in milligrams per kilogram (mg/kg)
Yellow shading denotes exceedance of remediation objective

TABLE A-2-B AREA 1

CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Rong(a)onthrocono	Ranzo(a)nymana	Ranza(h)fluoranthana	Rango(k)fluoranthana	Dibang(a h)anthracana	Indeno(1,2,3-cd)pyrene	Nonhthalana	
	Collection	Report	Denz(a) antin acene	Denzo(a)pyrene	Denzo(b)Huoranthene	Denzo(k)Huoranthene	Dibenz(a,n)antin acene	indeno(1,2,5-cd)pyrene	Naphthalene	Comments
	SITE REMEDIATION GOALS		1.8	2.1	2	6.2	0.42	1.6	1.8	
A1-S-A-1-WW	8/23/2010	8/30/2010	0.399	0.393	0.478	0.306	< 0.0155	0.234	< 0.0145	
A1-S-A-1-NW	8/23/2010	8/30/2010	0.0616	0.0589	0.0749	0.0446	< 0.0153	0.0381	< 0.0143	
A1-S-A-1-EW	8/23/2010	8/30/2010	< 0.0156	< 0.0113	< 0.0538	< 0.0524	< 0.0212	< 0.0439	< 0.0198	
A1-S-A-1-SW	8/23/2010	8/30/2010	< 0.0118	< 0.0086	< 0.0409	< 0.0398	< 0.0161	< 0.0333	< 0.0151	
A1-S-A-1-B	8/23/2010	8/30/2010	1.97	1.86	1.59	1.94	0.395	0.952	0.125	Average with Dup achieves RO
A1-S-A-1-B-DUP	8/23/2010	8/30/2010	1.21	1.18	1.21	1.06	0.253	0.641	0.0439	
Area 1-S-A-1-B-R-1	8/31/2010	9/3/2010	0.556	0.606	0.557	0.424	0.105	0.322	0.198	

All results in milligrams per kilogram (mg/kg)

Yellow shading denotes exceedance of remediation objective

TABLE A-2-C AREA 2

CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Down(a) and become	Panna(a)	Para (h) Caranthan	Danie (1) (2)	Dil (- L)	I-do-(122-d)	Nambahalana
	Collection	Report	benz(a)anthracene	benzo(a)pyrene	Denzo(b)Huorantnene	benzo(k)Huorantnene	Dibenz(a,n)anthracene	Indeno(1,2,3-cd)pyrene	Naphthaiene
SI	TE REMEDIATION GOA	LS	1.8	2.1	2	6.2	0.42	1.6	1.8
A2-S-A-5-EW	8/23/2010	8/30/2010	0.0712	0.0671	0.0671	0.0793	< 0.017	< 0.0376	< 0.017
A2-S-B-5-EW	8/23/2010	8/30/2010	< 0.0144	< 0.0104	< 0.0496	< 0.0483	< 0.0196	< 0.0404	< 0.0183
A2-S-B-5-SW	8/23/2010	8/30/2010	< 0.0136	< 0.00986	< 0.0469	< 0.0456	< 0.0185	< 0.0382	< 0.0173
A2-S-B-4-SW	8/23/2010	8/30/2010	0.0614	0.0518	0.0479	0.0558	< 0.016	< 0.033	< 0.0149
A-2-S-B-3-SW	8/23/2010	8/30/2010	< 0.0133	< 0.00966	< 0.0459	< 0.0447	< 0.0181	< 0.0374	< 0.0169
A-2-S-B-2-SW	8/23/2010	8/30/2010	< 0.0111	< 0.00804	< 0.0382	< 0.0372	< 0.0151	< 0.0311	< 0.0141
A-2-S-B-1-SW	8/23/2010	8/30/2010	< 0.0132	< 0.00956	< 0.0454	< 0.0442	< 0.0179	< 0.0371	< 0.0167
A-2-S-B-2-SW-DUP	8/23/2010	8/30/2010	< 0.013	< 0.00943	< 0.0448	< 0.0436	< 0.0177	< 0.0365	< 0.0165
A-2-S-B-1-WW	8/23/2010	8/30/2010	< 0.0114	< 0.00829	< 0.0394	< 0.0383	< 0.0155	< 0.0321	< 0.0145
A-2-S-A-1-WW	8/23/2010	8/30/2010	< 0.012	< 0.00871	< 0.0414	< 0.0403	< 0.0163	< 0.0338	< 0.0152
A2-S-A-1-NW	8/23/2010	8/30/2010	0.0969	0.108	0.161	0.103	< 0.0171	0.0756	< 0.016
A2-S-A-2-NW	8/23/2010	8/30/2010	< 0.011	< 0.00802	< 0.0381	< 0.0371	0.015	< 0.0311	< 0.0140
A2-S-A-3-NW	8/23/2010	8/30/2010	< 0.0109	< 0.00792	< 0.0376	< 0.0366	< 0.0149	< 0.0307	< 0.0139
A2-S-A-2-NW-Dup	8/23/2010	8/30/2010	< 0.0112	< 0.00812	< 0.0386	< 0.0376	< 0.0152	< 0.0315	< 0.0142

Notes:

All results in milligrams per kilogram (mg/kg)

TABLE A-2-D

AREA 4

CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)

OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Pong(a)onthuses	Pongo(c)	Panzo(h)fluoronth	Panga(k)fluored	Dihang(a b) and bus a	Indeno(1,2,3-cd)pyrene	Naphthalene
	Collection	Report	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)Huorantnene	Benzo(K)Huoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Naphthalene
SITE RE	MEDIATION GOA	ALS	1.8	2.1	2	6.2	0.42	1.6	1.8
Area 4-S- A0WW	11/19/2010	11/30/2010	< 0.0122	< 0.00887	< 0.0421	< 0.041	< 0.0166	<0.0344	< 0.0155
Area 4-S - A1WW	11/19/2010	11/30/2010	< 0.0122	< 0.00887	< 0.0421	< 0.041	< 0.0166	<0.0344	< 0.0155
Area 4-S - A1B1	11/19/2010	11/30/2010	< 0.0134	< 0.00977	< 0.0464	< 0.0452	< 0.0183	< 0.0378	< 0.0171
Area 4-S - B1SW	11/19/2010	11/30/2010	< 0.0111	< 0.00807	< 0.0383	< 0.0373	< 0.0151	< 0.0313	< 0.0141
Area 4-S- A2NW	11/19/2010	11/30/2010	< 0.0118	< 0.0861	< 0.0409	< 0.0398	< 0.0161	< 0.0334	< 0.0151
Area 4-S - A2B1	11/19/2010	11/30/2010	< 0.0136	< 0.00989	< 0.047	< 0.0458	< 0.0186	< 0.0383	< 0.0173
Area 4-S - B2SW	11/19/2010	11/30/2010	< 0.0111	< 0.0081	< 0.0385	< 0.0375	< 0.0152	< 0.0314	< 0.0142
Area 4-S - A3NW	11/19/2010	11/30/2010	0.171	0.14	0.138	0.13	0.0344	0.0752	< 0.0143
Area 4-S - A3B1	11/19/2010	11/30/2010	< 0.0112	< 0.00813	< 0.0386	< 0.0376	< 0.0152	< 0.0315	< 0.0142
Area 4-S - B3SW	11/19/2010	11/30/2010	< 0.0133	< 0.00967	< 0.0459	< 0.0447	< 0.0181	< 0.0375	< 0.0169
Area 4-S - A4NW	11/19/2010	11/30/2010	< 0.0112	< 0.00812	< 0.0386	< 0.375	< 0.0152	<0.0315	< 0.0142
Area 4-S - A4B1	11/19/2010	11/30/2010	< 0.0112	< 0.00814	0.039	0.039	< 0.0153	< 0.0315	< 0.0142
Area 4-S - A4B1 Dup	11/19/2010	11/30/2010	< 0.0112	< 0.00813	0.0468	< 0.0376	< 0.0153	< 0.0315	< 0.0142
Area 4-S - B4SW	11/19/2010	11/30/2010	0.105	< 0.00829	0.0626	0.0456	< 0.0156	< 0.0321	< 0.0145
Area 4-5 A8NW	11/23/2010	12/2/2010	0.199	0.189	0.194	0.159	0.0487	0.113	< 0.0162
Area 4-5 A8NWDup	11/23/2010	12/2/2010	0.177	0.175	0.173	0.134	< 0.0178	0.0972	< 0.0166
Area 4-5 A8B1	11/23/2010	12/2/2010	< 0.13	< 0.0948	< 0.45	< 0.438	< 0.178	< 0.367	< 0.166
Area 4-5 B8SW	11/23/2010	12/2/2010	0.0811	0.0866	0.0963	0.0562	< 0.0155	0.0493	< 0.0145
Area 4-5 A9NW	11/23/2010	12/2/2010	< 0.0657	< 0.0478	< 0.227	< 0.221	< 0.0896	<0.185	< 0.0837
Area 4-5 A9B1	11/23/2010	12/2/2010	< 0.128	< 0.0932	< 0.443	< 0.431	< 0.175	<0.361	< 0.163
Area 4-5 B9SW	11/23/2010	12/2/2010	0.0678	0.163	0.168	0.124	< 0.0159	0.129	< 0.0148
Area 4-5 A10NW	11/23/2010	12/2/2010	0.162	0.218	0.23	0.168	0.0529	0.135	< 0.0158
Area 4-5 A10B1	11/23/2010	12/2/2010	< 0.125	< 0.0911	< 0.433	< 0.421	< 0.171	<0.353	< 0.159
Area 4-5 B10SW	11/23/2010	12/2/2010	0.0502	0.103	0.0987	0.0722	< 0.0153	0.0716	< 0.0142
Area 4-5 A11NW	11/23/2010	12/2/2010	0.0827	0.105	0.12	0.0785	< 0.017	0.0642	< 0.0159
Area 4-5 A11B1	11/23/2010	12/2/2010	< 0.122	< 0.0887	< 0.421	< 0.41	< 0.166	<0.344	< 0.155
Area 4-5 B11SW	11/23/2010	12/2/2010	< 0.0112	< 0.00818	< 0.0389	< 0.0378	< 0.0153	< 0.0317	< 0.0143
Area 4-5 A11NW-Dup	11/23/2010	12/2/2010	0.0564	0.0948	0.0982	0.0744	< 0.0173	0.0541	< 0.0161
Area 4-5 A12NW	11/23/2010	12/2/2010	0.109	0.183	0.204	0.132	0.0632	0.114	< 0.016
Area 4-5 A12B1	11/23/2010	12/2/2010	0.115	0.268	0.242	0.208	0.101	0.201	< 0.0163
Area 4-5 B12SW	11/23/2010	12/2/2010	< 0.0118	< 0.0086	< 0.0408	< 0.0398	< 0.0161	<0.0333	< 0.015
Area 4-5 A12EW	11/23/2010	12/2/2010	0.0517	0.131	0.16	0.0757	0.0545	0.125	< 0.0151
Area 4-5 A5NW	11/23/2010	12/2/2010	0.0935	< 0.00813	< 0.0386	< 0.0376	< 0.0152	<0.0315	< 0.0142
Area 4-5 A5B1	11/23/2010	12/2/2010	0.0842	0.0752	0.105	< 0.0385	< 0.0156	0.0607	0.0354
Area 4-5 A5B1Dup	11/23/2010	12/2/2010	< 0.0114	0.0453	0.0798	0.0525	< 0.0156	0.0643	< 0.0145
Area 4-5 B5SW	11/23/2010	12/2/2010	< 0.0115	< 0.00839	0.0857	0.0451	< 0.0157	0.0538	0.0524
Area 4-5 A6NW	11/23/2010	12/2/2010	< 0.0427	< 0.0311	<0.148	< 0.144	< 0.0583	<0.12	< 0.0544
Area 4-5 A6B1	11/23/2010	12/2/2010	< 0.127	< 0.092	<0.437	< 0.426	< 0.173	<0.357	< 0.161
Area 4-5 B6SW	11/23/2010	12/2/2010	< 0.13	< 0.0943	<0.448	<0.436	< 0.177	<0.365	< 0.165
Area 4-5 A7NW	11/23/2010	12/2/2010	< 0.0136	< 0.00992	< 0.0471	< 0.0459	< 0.0186	<0.0384	< 0.0174
Area 4-5 A7B1	11/23/2010	12/2/2010	< 0.579	< 0.421	<2.0	<1.95	< 0.79	<1.63	< 0.737
Area 4-5 B7SW	11/23/2010	12/2/2010	0.162	0.111	0.16	0.0889	< 0.0158	0.0735	< 0.0148

Notes:

All results in milligrams per kilogram (mg/kg)

TABLE A-2-E AREA 5 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Renz(a)anthracene	Renzo(a)nyrene	Renzo(h)fluoranthene	Renzo(k)fluoranthene	Dihenz(a h)anthracene	Indeno(1,2,3-cd)pyrene	Nanhthalana	
	Collection	Report	Denz(a)antm acene	Belizo(a)pyrene	Denzo(b)Hdorammene	Denzo(k)Huoranthene	Dibenz(a,n)anem acene	indeno(1,2,5-ed)pyrene	маринатене	Comments
SITE REM	EDIATION GOAL	S	1.8	2.1	2	6.2	0.42	1.6	1.8	
Area 5-S-South Trench	10/27/2010	11/3/2010	1.27	0.941	1.03	0.762	0.25	0.49	4.07	Material Removed
Area 5-S-North Trench	10/27/2010	11/3/2010	15.3	9.96	10.7	3.15	2.6	4.05	1.01	Material Removed

Notes:

All results in milligrams per kilogram (mg/kg)

Yellow shading denotes exceedance of remediation objective

TABLE A-2-F
AREA 6

CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)
OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	P ()	D(-)	D (1)(1	D (1)(1)	D2 (1) (1	T. I. (122.1)	N. La.
	Collection	Report	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Naphthalene
SITE REM	EDIATION GOAL	LS	1.8	2.1	2	6.2	0.42	1.6	1.8
Area 6-S - AOAIEW	11/17/2010	11/24/2010	< 0.0112	< 0.00813	< 0.0386	< 0.0376	< 0.0152	< 0.0315	< 0.0142
Area 6-S - AOAIBI	11/17/2010	11/24/2010	0.474	0.519	0.529	0.465	0.0848	0.307	< 0.015
Area 6-S - BOAIEW	11/17/2010	11/24/2010	< 0.0113	< 0.00818	<0.0389	< 0.0378	< 0.0153	< 0.0317	< 0.0143
Area 6-S - BOAIBI	11/17/2010	11/24/2010	0.0758	0.0722	0.0863	0.0916	<0.0182	0.0504	< 0.0169
Area 6-S - COAIBI	11/17/2010	11/24/2010	0.0457	0.0387	0.0491	0.0468	< 0.0166	< 0.0343	< 0.0155
Area 6-S - DOAIBI	11/17/2010	11/24/2010	0.155	0.161	0.18	0.162	< 0.0165	0.102	< 0.0154
Area 6-S - EOAIBI	11/17/2010	11/24/2010	0.0388	< 0.00855	0.047	< 0.0395	< 0.016	< 0.0331	< 0.015
Area 6-S - FOAIBI	11/17/2010	11/24/2010	0.109	0.09	0.102	0.0882	< 0.0163	0.051	< 0.0152
Area 6-S - GOAIBI	11/17/2010	11/24/2010	0.0684	0.0534	0.0607	0.0529	< 0.0183	< 0.0379	< 0.0171
Area 6-S - HOAIBI	11/17/2010	11/24/2010	0.0742	0.0653	0.0746	0.0636	< 0.019	< 0.0392	< 0.0177
Area 6-S - IOAIBI	11/17/2010	11/24/2010	< 0.0146	< 0.0106	< 0.0503	< 0.049	< 0.0199	< 0.0411	< 0.0185
Area 6-S - JOAIBI	11/17/2010	11/24/2010	< 0.0136	< 0.00989	< 0.047	< 0.0458	< 0.0186	< 0.0383	< 0.0173
Area 6-S - KOAIBI	11/17/2010	11/24/2010	< 0.0138	< 0.0101	< 0.0478	< 0.0465	< 0.0189	< 0.039	< 0.0176
Area 6-S - LOAIBI	11/17/2010	11/24/2010	1.6	1.17	1.17	1	0.205	0.558	0.276
Area 6-S-COA1EW-R2	11/18/2010	12/2/2010	< 0.0128	< 0.00928	< 0.0441	< 0.0429	< 0.0174	< 0.036	< 0.0162
Area 6-S-DOA1EW-R2	11/18/2010	12/2/2010	< 0.0143	< 0.0104	< 0.0494	< 0.0481	< 0.0195	< 0.0403	< 0.0182
Area 6-S-EOA1EW-R2	11/18/2010	12/2/2010	0.22	0.136	0.146	0.128	< 0.0189	0.0707	0.064
Area 6-5-COA1WW	7/25/2011	7/29/2011	< 0.0136	< 0.00988	< 0.0469	< 0.0457	< 0.0185	< 0.0383	< 0.0173
Area 6-5-COA1WW Dup	7/25/2011	7/29/2011	< 0.0136	< 0.00988	< 0.0469	< 0.0457	< 0.0185	< 0.0383	< 0.0173
Area 6-5-DOA1WW	7/25/2011	7/29/2011	< 0.0139	< 0.0101	< 0.0479	< 0.0466	< 0.0189	< 0.0391	< 0.0176
Area 6-5-EOA1WW	7/25/2011	7/29/2011	< 0.0133	< 0.00969	< 0.0461	< 0.0448	< 0.0182	< 0.0376	< 0.017
Area 6-5-FOA1WW	7/25/2011	7/29/2011	< 0.0117	< 0.0085	< 0.0404	< 0.0393	< 0.0159	< 0.0329	< 0.0149
Area 6-5-GOA1WW	7/25/2011	7/29/2011	0.0939	0.113	0.102	0.103	< 0.0156	0.0669	< 0.0146
Area 6-5-HOA1WW	7/25/2011	7/29/2011	< 0.0123	< 0.00892	< 0.0424	< 0.0412	< 0.0167	< 0.0346	< 0.0156
Area 6-5-IOA1WW	7/25/2011	7/29/2011	< 0.0119	< 0.00863	< 0.041	< 0.0399	< 0.0162	< 0.0334	< 0.0151
Area 6-5-JOA1WW	7/25/2011	7/29/2011	< 0.0117	< 0.00849	< 0.0403	< 0.0393	< 0.0159	< 0.0329	< 0.0149
Area 6-5-KOA1WW	7/25/2011	7/29/2011	< 0.012	< 0.00869	<0.0413	< 0.0402	< 0.0163	< 0.0337	< 0.0152
Area 6-5-LOA1EW	7/25/2011	7/29/2011	< 0.0118	< 0.00857	< 0.0407	< 0.0396	< 0.0161	< 0.0332	< 0.015
Area 6-5-LOA1NW	7/25/2011	7/29/2011	< 0.0123	< 0.00891	<0.0423	< 0.0412	< 0.0167	< 0.0345	< 0.0156
Area 6-5-LOA1WW	7/25/2011	7/29/2011	< 0.0121	< 0.0088	< 0.0418	< 0.04	< 0.0165	< 0.0341	< 0.0154
Area 6-S - A0A1WW	7/28/2011	8/2/2011	< 0.012	< 0.00874	< 0.0415	< 0.0404	< 0.0164	< 0.0339	< 0.0153
Area 6-S - B0A1WW	7/28/2011	8/2/2011	< 0.0118	< 0.00859	<0.0408	< 0.0397	< 0.0161	< 0.0333	< 0.015

Notes:

All results in milligrams per kilogram (mg/kg)

TABLE A-2-G AREA 7 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Control of the Contro						pure the first section	
Sample 1D	Collection	Report	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Naphthalene	Comments
SITE REME	DIATION GOALS		1.8	2.1	2	6.2	0.42	1.6	1.8	Comments
Area 7-S-A0A1EW	11/17/2010	11/24/2010	<0.0111	<0.00808	<0.0384	< 0.0374	<0.0151	<0.0313	<0.0141	
Area 7-S - AOAIBI	11/17/2010	11/24/2010	0.266	0.257	0.295	0.272	<0.0184	0.168	<0.0172	
Area 7-S - BOAIEW	11/17/2010	11/24/2010	<0.0116	<0.00843	<0.0401	<0.039	<0.0158	<0.0327	< 0.0148	
Area 7-S - BOAIBI	11/17/2010	11/24/2010	0.46	0.431	0.589	0.375	0.0852	0.296	< 0.0148	+
Area 7-S - COAIEW	11/17/2010	11/24/2010	<0.0109	<0.00793	<0.0377	<0.0367	<0.0149	<0.0307	<0.0107	+
Area 7-S - COAIBI	11/17/2010	11/24/2010	0.342	0.328	0.355	0.327	0.0578	0.217	0.481	-
Area 7-S - DOAIBI	11/17/2010	11/24/2010	0.0526	0.0601	0.0755	0.0462	<0.0169	0.0496	<0.0158	-
Area 7-S-E0A1EW	11/17/2010	11/24/2010	0.0666	0.0608	0.0645	<0.0462	<0.0186	<0.0385	< 0.0138	-
							<0.0186			
Area 7-S - EOAIBI	11/17/2010	11/24/2010	0.0849	0.0695	0.0796	0.0734		0.055	<0.0185	
Area 7-S - EOAIBI DUP	11/17/2010	11/24/2010	0.0996	0.0871	0.0901	0.0665	<0.0193	0.0528	<0.018	-
Area 7-S - F0A5WW	11/29/2010	12/6/2010	<0.0109	<0.00793	<0.0377	<0.0367	<0.0149	<0.0307		-
Area 7-S - E0A5WW	11/29/2010	12/6/2010	<0.0132	<0.00957	<0.0455	<0.0443	<0.0179	<0.0371	<0.0167	-
Area 7-S - D0A5WW	11/29/2010	12/6/2010	<0.0127	<0.00921	<0.0437	<0.0426	<0.0173	<0.0357	<0.0161	-
Area 7-S - D0A4SW	11/29/2010	12/6/2010	<0.0111	<0.00805	<0.0382	< 0.0372	<0.0151	<0.0312	<0.0141	
Area 7-S - COA4WW	11/29/2010	12/6/2010	<0.012	<0.00876	<0.0416	<0.0405	<0.0164	<0.0339	<0.0153	-
Area 7-S - GOA2NW	11/29/2010	12/6/2010	0.0389	<0.00873	0.044	<0.0404	<0.0164	<0.0338	<0.0153	
Area 7-S - COA3B1	11/30/2010	12/8/2010	0.0752	0.0942	0.0876	0.086	< 0.0174	0.0713	<0.0163	
Area 7-S - COA2B1-D	11/30/2010	12/8/2010	0.183	0.194	0.192	0.135	0.0571	0.122	< 0.0163	
Area 7-S - COA2B1	11/30/2010	12/8/2010	0.178	0.189	0.215	0.113	0.0578	0.126	<0.016	
Area 7-S - DOA2B1	11/30/2010	12/8/2010	< 0.0134	< 0.00973	<0.0462	< 0.045	<0.0182	<0.0377	< 0.017	
Area 7-S - DOA3B1	11/30/2010	12/8/2010	0.046	0.046	< 0.0456	<0.0444	<0.018	<0.0372	< 0.0168	
Area 7-S - DOA4B1	11/30/2010	12/8/2010	0.128	0.0852	0.0932	0.0532	< 0.018	0.048	< 0.0168	
Area 7-S - EOA4B1	11/30/2010	12/8/2010	< 0.0129	< 0.00937	< 0.0445	< 0.0433	< 0.0176	< 0.0363	< 0.0164	
Area 7-S - EOA3B1	11/30/2010	12/8/2010	< 0.013	< 0.00943	< 0.0448	< 0.0436	< 0.0177	< 0.0365	< 0.0165	
Area 7-S - FOA3B1	11/30/2010	12/8/2010	< 0.0132	< 0.0096	< 0.0456	< 0.0444	< 0.018	< 0.0372	< 0.0168	
Area 7-S - FOA4B1	11/30/2010	12/8/2010	0.0896	0.0837	0.0924	0.0565	< 0.0178	0.062	< 0.0166	
Area 7-S - FOA2B1	11/30/2010	12/8/2010	< 0.0136	< 0.00986	< 0.0468	< 0.0456	< 0.0185	< 0.0382	< 0.0173	
Area 7-S - EOA2B1	11/30/2010	12/8/2010	< 0.0128	< 0.00929	< 0.0441	< 0.0430	< 0.0174	< 0.036	< 0.0163	
Area7-DOAIEW-R3	12/9/2010	12/15/2010	< 0.0136	< 0.00991	< 0.0471	< 0.0458	< 0.0186	< 0.0384	< 0.0173	
Area 7-5 - AOA35W	5/5/2011	5/11/2011	0.177	0.158	0.18	0.158	< 0.0162	0.0936	< 0.0151	
Area 7-5 - AOA4B1	5/5/2011	5/11/2011	4.9	5.73	4.94	5.68	0.638	3.37	< 0.016	Below Water Table
Area 7-5 - AOA3B1	5/5/2011	5/11/2011	< 0.0124	< 0.00904	< 0.043	< 0.0418	< 0.017	< 0.035	< 0.0158	
Area 7-5 - AOA4SW	5/5/2011	5/11/2011	0.168	0.193	0.198	0.178	0.0516	0.137	< 0.0168	
Area 7-5 - BOA4B1	5/5/2011	5/11/2011	0.0572	0.0572	0.077	0.0588	< 0.0182	0.0487	< 0.017	
Area 7-5 - AOASB1	5/5/2011	5/11/2011	0.59	0.55	0.579	0.438	< 0.0172	0.341	0.0424	
Area 7-5-D0AIEW-R3	5/12/2011	5/17/2011	0.124	0.137	0.154	0.13	< 0.0194	0.0911	< 0.0181	
Area 7-5-B0A4NW	5/12/2011	5/17/2011	0.107	0.113	<0.0441	< 0.0429	< 0.0174	0.0727	< 0.0162	
Area 7-5-B0A4WW-R4	5/12/2011	5/17/2011	< 0.0133	< 0.00967	<0.0459	<0.0447	<0.0181	< 0.0375	< 0.0169	
Area 7-5-B0A5NW	5/12/2011	5/17/2011	0.154	0.159	0.157	0.148	< 0.0178	0.0951	< 0.0166	
Area 7-5-A0A5NW	5/12/2011	5/17/2011	0.102	0.103	0.105	0.09	< 0.0178	0.0563	< 0.0166	
Area 7-5-A0A5WW-R5	5/12/2011	5/17/2011	0.116	0.106	0.113	0.0927	<0.0175	0.0605	< 0.0163	
Area 7-5-A0A5SW	5/12/2011	5/17/2011		0.141	0.202	0.152	< 0.0175	0.111	< 0.0164	
Area 7-5-AOA2B1	7/25/2011	7/29/2011	2.65	3.44	4.34	2.65	0.922	2.07	<0.0334	Below Water Table
Area 7-5-AOA2EW	7/25/2011	7/29/2011	0.41	0.57	0.651	0.519	0.173	0.391	<0.0334	Down mater rathe
Area 7-5-AOA2SW	7/25/2011	7/29/2011	0.934	0.972	1.08	0.609	0.173	0.532	<0.0292	
Area 7-5-BOA2B1	7/25/2011	7/29/2011		0.0767	0.0859	0.0635	<0.018	<0.0371	< 0.0168	
Area 7-5-BOA3B1	7/25/2011	7/29/2011		0.129	0.0839	0.0633	<0.0178	0.0738	< 0.0167	1
Area 7-5-BOA2EW	7/25/2011	7/29/2011					<0.0178	<0.0738		
		7/29/2011		0.0595	0.0781	<0.0375	<0.0152	<0.0314	<0.0142	
Area 7-5-COA2EW	7/25/2011			<0.00834	<0.0396	<0.0386			<0.0146	-
Area 7-5-DOA2EW	7/25/2011	7/29/2011		0.0956	0.114	0.067	<0.0148	0.0552	<0.0138	-
Area 7-5-EOA2EW	7/25/2011	7/29/2011		0.398	0.513	0.323	0.121	0.289	<0.0156	-
Area 7-5-EOA2EW Dup	7/25/2011	7/29/2011	0.309	0.446	0.538	0.416	0.133	0.32	<0.0149	-
Area 7-5-FOA2EW	7/25/2011	7/29/2011	<0.0118	<0.00858	<0.0408	<0.0397	<0.0161	<0.0333	< 0.015	-
Area 7-S- A0A1SW	7/28/2011	8/2/2011		0.0984	0.0892	0.0744	<0.0159	0.055	<0.0148	
Area 7-S - A0A1WW	7/28/2011	8/2/2011	0.0394	0.0491	0.0459	0.0427	<0.0161	<0.0333	< 0.0151	
Area 7-S - BOA1WW	7/28/2011	8/2/2011	< 0.012	< 0.00874	< 0.0415	< 0.0404	< 0.0164	< 0.0338	< 0.0153	
Area 7-S - COA1WW	7/28/2011	8/2/2011		< 0.00862	< 0.0409	< 0.0399	< 0.0162	< 0.0334	< 0.0151	
Area 7-S - DOA1WW	7/28/2011	8/2/2011	< 0.0117	< 0.0085	< 0.0404	< 0.0393	< 0.0159	< 0.0329	< 0.0149	
Area 7-S - E0A1WW	7/28/2011	8/2/2011	< 0.0122	< 0.00888	< 0.0422	< 0.0411	< 0.0167	< 0.0344	< 0.0155	

Shading denotes exceedance of remediation objective Results in milligrams per kilogram (mg/kg)

TABLE A-2-H AREA 8 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Benz(a)anthracene	Benzo(a)pyrene	Ranzo(h)fluoranthana	Ranzo(k)fluoranthana	Dibang(a b)anthracana	Indeno(1,2,3-cd)pyrene	Naphthalene
	Collection	Report	Deliz(a)alitili acelle	Delizo(a)pyrelie	Delizo(b)Huoi anthene	Denzo(k)Huoranthene	Dibenz(a,n)antin acene	mueno(1,2,3-cu)pyrene	Napitilalelle
SITE REN	MEDIATION GOALS		1.8	2.1	2	6.2	0.42	1.6	1.8
Area 8-5-A1NW	9/16/2011	9/21/2010	0.35	0.407	0.358	0.374	0.15	0.29	< 0.0161
Area 8-5-A2NW	9/16/2011	9/21/2010	0.0429	0.058	0.058	0.0475	< 0.0189	< 0.0391	< 0.0177
Area 8-5-A3EW	9/16/2011	9/21/2010	< 0.013	0.0683	0.0687	0.056	< 0.0178	0.0509	< 0.0166
Area 8-5-A1B1	9/16/2011	9/21/2010	0.363	0.459	0.452	0.4	0.165	0.32	< 0.016
Area 8-5-A2B1	9/16/2011	9/21/2010	< 0.0139	< 0.0101	< 0.0481	<0.0468	< 0.019	< 0.0392	< 0.0177
Area 8-5-A2B1 Dup	9/16/2011	9/21/2010	< 0.0135	< 0.00979	< 0.0465	< 0.0453	< 0.0184	< 0.038	< 0.0171

Notes:

All results in milligrams per kilogram (mg/kg)

TABLE A-2-I AREA 9 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

SITE REMEDIATI Area9-S-B7-B1-R1 Area9-S-A5-NW1-R1 Area 9-S-B6SW1-R1 Area 9-S-B7SW1-R1 OMC-AREA9-S-A0 WW-1 OMC-AREA9-S-A0 WW-1 OMC-AREA9-S-A1-NW-1 OMC-AREA9-S-A2-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A3-B-1	Collection 9/7/2010 9/7/2010 9/7/2010 9/8/2010 9/8/2010 8/17/201	9/10/2010 9/10/2010 9/13/2010 9/13/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010	1.8 <0.0131 <0.011 0.5 0.0653 0.12 0.2 0.19	2.1 0.0436 0.0484 0.398 0.181 0.23	2 0.046 0.0561 0.347	6.2 <0.044 <0.037	0.42 <0.0178 <0.015	1.6 <0.0369 0.0394	1.8 <0.0167
Area9-S-B7-B1-R1 Area9-S-A5-NW1-R1 Area 9-S-B6SW1-R1 Area 9-S-B7SW1-R1 OMC-AREA9-S-A0 WW-1 OMC-AREA9-S-A0 WW-1 OMC-AREA9-S-A1-NW-1 OMC-AREA9-S-A1-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1	9/7/2010 9/7/2010 9/8/2010 9/8/2010 9/8/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010	9/10/2010 9/13/2010 9/13/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010	<0.0131 <0.011 0.5 0.0653 0.12 0.2 0.19	0.0436 0.0484 0.398 0.181	0.046 0.0561 0.347	<0.044 <0.037	< 0.0178	< 0.0369	< 0.0167
Area9-S-A5-NW1-R1 Area 9-S-B6SW1-R1 Area 9-S-B7SW1-R1 OMC-AREA9-S-A0 WW-1 OMC-AREA9-S-A0 WW-1 OMC-AREA9-S-A1-NW-1 OMC-AREA9-S-A2-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A4-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1 OMC-AREA9-S-A-B-1	9/7/2010 9/8/2010 9/8/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010	9/10/2010 9/13/2010 9/13/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010	<0.011 0.5 0.0653 0.12 0.2 0.19	0.0484 0.398 0.181	0.0561 0.347	< 0.037			
Area 9-S-B6SW1-R1 Area 9-S-B7SW1-R1 DMC-AREA9-S-A0 WW-1 DMC-AREA9-S-A0 WW-1 DUP DMC-AREA9-S-A1-NW-1 DMC-AREA9-S-A1-NW-1 DMC-AREA9-S-A3-NW-1 DMC-AREA9-S-A3-NW-1 DMC-AREA9-S-A5-NW-1 DMC-AREA9-S-A5-NW-1 DMC-AREA9-S-A1-B-1 DMC-AREA9-S-A1-B-1 DMC-AREA9-S-A3-B-1 DMC-AREA9-S-A3-B-1 DMC-AREA9-S-A-B-1 DMC-AREA9-S-A-B-1 DMC-AREA9-S-A-B-1 DMC-AREA9-S-A-B-1 DMC-AREA9-S-A-B-1	9/8/2010 9/8/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010	9/13/2010 9/13/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010	0.5 0.0653 0.12 0.2 0.19	0.398 0.181	0.347				< 0.014
DMC-AREA9-S-A0 WW-1 DMC-AREA9-S-A0 WW-1 DUP DMC-AREA9-S-A1-NW-1 DMC-AREA9-S-A2-NW-1 DMC-AREA9-S-A3-NW-1 DMC-AREA9-S-A4-NW-1 DMC-AREA9-S-A5-NW-1 DMC-AREA9-S-A1-B-1 DMC-AREA9-S-A2-B-1 DMC-AREA9-S-A2-B-1 DMC-AREA9-S-A4-B-1	8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010	8/24/2010 8/24/2010 8/24/2010 8/24/2010 8/24/2010	0.12 0.2 0.19			0.254	< 0.0156	< 0.0327	< 0.0145
OMC-AREA9-S-A0 WW-1 DUP OMC-AREA9-S-A1-NW-1 OMC-AREA9-S-A2-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A4-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A2-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A4-B-1 OMC-AREA9-S-A4-B-1 OMC-AREA9-S-A4-B-1	8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010	8/24/2010 8/24/2010 8/24/2010 8/24/2010	0.2 0.19	0.23	0.177	0.148	< 0.0157	< 0.0325	< 0.0147
OMC-AREA9-S-A1-NW-1 OMC-AREA9-S-A2-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A4-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S-A-5-B-1	8/17/2010 8/17/2010 8/17/2010 8/17/2010 8/17/2010	8/24/2010 8/24/2010 8/24/2010	0.19		0.28	0.097	0.066	0.19	< 0.038
OMC-AREA9-S-A2-NW-1 OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A4-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A2-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S-A-5-B-1	8/17/2010 8/17/2010 8/17/2010 8/17/2010	8/24/2010 8/24/2010		0.52	0.66	0.21	0.11	0.37	< 0.037
OMC-AREA9-S-A3-NW-1 OMC-AREA9-S-A4-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A2-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A4-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S-A-5-B-1	8/17/2010 8/17/2010 8/17/2010	8/24/2010		0.41	0.53	0.17	0.09	0.29	< 0.036
OMC-AREA9-S-A4-NW-1 OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A2-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-4-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S-A-5-B-1	8/17/2010 8/17/2010		0.65	0.92	1.1	0.42	0.18	0.51	<0.035
OMC-AREA9-S-A5-NW-1 OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A2-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-4-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S-A-5-B-1	8/17/2010	0/24/2010	0.054 0.027	0.17	0.19	0.086	0.05 0.025	0.17	<0.034
OMC-AREA9-S-A1-B-1 OMC-AREA9-S-A2-B-1 OMC-AREA9-S-A3-B-1 OMC-AREA9-S-A-4-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S A-1-SW-1		8/24/2010	5.1	8.1	11	3.9	1.6	5.1	< 0.35
DMC-AREA9-S-A2-B-1 DMC-AREA9-S-A3-B-1 DMC-AREA9-S-A-4-B-1 DMC-AREA9-S-A-5-B-1 DMC-AREA9-S A-1-SW-1		8/24/2010	0.056	0.14	0.14	0.081	0.034	0.11	< 0.036
OMC-AREA9-S-A-4-B-1 OMC-AREA9-S-A-5-B-1 OMC-AREA9-S A-1-SW-1	8/17/2010	8/24/2010	0.64	1	1.3	0.45	0.25	0.69	0.017
DMC-AREA9-S-A-5-B-1 DMC-AREA9-S A-1-SW-1	8/17/2010	8/24/2010	0.013	0.038	0.045	0.017	0.012	0.031	< 0.039
OMC-AREA9-S A-1-SW-1	8/17/2010	8/24/2010	0.24	0.62	0.76	0.24	0.13	0.38	< 0.037
	8/17/2010	8/24/2010	0.21	1.5	0.57	0.25	0.1	0.32	< 0.036
IMC-AREA9-N AZ-NW-1	8/17/2010	8/24/2010	0.13	0.37	0.42	0.2	0.088	0.26	<0.034
OMC-AREA9-S A3-SW-1	8/17/2010 8/17/2010	8/24/2010	0.024	0.049	0.058 0.013	0.024 <0.037	0.015 <0.037	0.032	<0.036
OMC-AREA9-S A3-SW-1 OMC-AREA9-S A4-SW-1	8/17/2010	8/24/2010 8/24/2010	0.009	0.013	0.013	<0.037 0.044	0.037	0.01	<0.037
OMC-AREA9-S A4-SW-1	8/17/2010	8/24/2010	0.0053	0.089	0.015	<0.035	0.0047	0.015	<0.036
OMC-AREA9-S A6-NW-1	8/17/2010	8/24/2010	0.012	0.013	0.026	0.012	0.0063	0.013	<0.035
OMC-AREA9-S A7-NW-1	8/17/2010	8/24/2010	0.049	0.1	0.14	0.042	0.026	0.078	< 0.033
OMC-AREA9-S B5-WW-1	8/17/2010	8/24/2010	0.17	0.22	0.24	0.11	0.045	0.14	0.0082
MC-AREA9-S-B6-SW-1	8/17/2010	8/24/2010	4.3	8.4	11	4	2.6	6.2	0.1
OMC-AREA9-S B7-SW-1	8/17/2010	8/24/2010	0.97	2.2	2.8	1.2	0.55	1.7	< 0.17
MC-AREA9-S A6-B1	8/17/2010	8/24/2010	0.38	0.69	0.94	0.39	0.2	0.46	< 0.037
MC-AREA9-S B6-B1	8/17/2010	8/24/2010	0.019	0.044	0.047	0.025	0.012	0.035	< 0.037
MC-AREA9-S A7-B1	8/17/2010	8/24/2010	0.16	0.33	0.42	0.16	0.081	0.23	<0.038
DMC-AREA9-S B5-B1	8/17/2010	8/24/2010	0.047	0.1	0.13	0.057	0.028	0.069	< 0.034
DMC-AREA9-S B5-SW-1 DMC-AREA9-S A7-B1 DUP	8/17/2010 8/17/2010	8/24/2010 8/24/2010	0.89	0.49	1.9 0.61	0.8 0.25	0.35	0.37	<0.17
OMC-AREA9-S A9-B1	8/17/2010	8/24/2010	0.24	0.49	0.48	0.23	0.056	0.24	0.032
OMC-AREA9-S A9-B1 DUP	8/17/2010	8/24/2010	0.35	0.45	0.59	0.23	0.098	0.26	<0.036
OMC-AREA9-S A8-NW-1	8/17/2010	8/24/2010	0.01	0.011	0.018	0.034	0.0045	0.01	< 0.034
OMC-AREA9-S A8 B1	8/17/2010	8/24/2010	0.14	0.29	0.37	0.12	0.069	0.2	< 0.037
OMC-AREA9-S B8 B1	8/17/2010	8/24/2010	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038
OMC-AREA9-S A9-NW-1	8/17/2010	8/24/2010	0.078	0.16	0.19	0.082	0.041	0.11	< 0.034
OMC-AREA9-S A10-NW-1	8/17/2010	8/24/2010	0.062	0.14	0.17	0.069	0.031	0.1	< 0.036
OMC-AREA9-S A10 B1	8/17/2010	8/24/2010	0.28	0.55	0.69	0.25	0.12	0.37	< 0.035
OMC-AREA9-S A10 EW-1	8/17/2010	8/24/2010	0.075	0.24	0.28	0.13	0.069	0.17	<0.033
DMC-AREA9-S-A6-NW-1 DUP A-9-S-D-8-B	8/17/2010	8/24/2010 8/25/2010	0.011	0.018	0.025	0.0089 0.15	0.0047 0.092	0.015	<0.035
A-9-S-E-8-B	8/17/2010 8/17/2010	8/25/2010	0.17	0.023	0.36 0.029	0.15	0.092	0.019	<0.034
A-9-S-D-9-B	8/17/2010	8/25/2010	0.0066	<0.023	0.029	<0.037	<0.037	<0.019	< 0.033
A-9-S-E-9-B	8/17/2010	8/25/2010	0.0065	0.0071	0.011	<0.037	<0.037	0.0067	<0.033
-9-S-D-10-B	8/17/2010	8/25/2010	0.021	0.025	0.038	0.016	0.0053	0.019	< 0.036
-9-S-E-10-B	8/17/2010	8/25/2010	0.11	0.11	0.14	0.064	0.017	0.068	< 0.033
-9-S-D-11-B	8/17/2010	8/25/2010	0.035	0.043	0.06	0.026	0.0078	0.031	<0.038
-9-S-E-11-B	8/17/2010	8/25/2010	0.11	0.11	0.16	0.064	0.022	0.07	< 0.037
-9-S-D-8-WW	8/18/2010	8/25/2010	0.13	0.28	0.39	0.12	0.1	0.23	< 0.035
-9-S-E-8-WW	8/18/2010	8/25/2010	0.013	0.013	0.028	0.0074	<0.034	0.01	<0.034
-9-S-E-8-WW-DUP	8/18/2010	8/25/2010	0.014	0.018	0.031	0.011	0.0057	0.015	< 0.035
-9-S-E-8-SW	8/18/2010	8/25/2010 8/25/2010	0.012	0.013	0.023	0.0091	<0.034	0.01	0.0086
L-9-S-E-9-SW L-9-S-E-10-SW	8/18/2010 8/18/2010	8/25/2010 8/25/2010	0.013	0.013	0.018	0.01	0.0077 0.16	0.013	<0.035
-9-S-E-10-SW	8/18/2010	8/25/2010	0.45	0.39	0.73	0.36	0.16	0.48	0.013
-9-S-E-11-EW	8/18/2010	8/25/2010	0.43	0.52	0.75	0.29	0.097	0.38	0.043
-9-S-D-11-EW	8/18/2010	8/25/2010	0.064	0.072	0.11	0.049	0.02	0.053	0.021
MC-Area 9-S-B9B1	8/24/2010	8/31/2010	0.096	0.162	0.179	0.0927	<0.0182	0.125	< 0.017
MC-Area 9-S-C10B1	8/24/2010	8/31/2010	0.253	0.377	0.421	0.253	0.115	0.284	<0.0155
MC-Area 9-S-C10B1 Dup	8/24/2010	8/31/2010	0.247	0.439	0.552	0.302	0.139	0.32	< 0.0140
MC-Area 9-S-B11NW1	8/24/2010	8/31/2010	< 0.0122	0.0835	0.0774	0.0499	< 0.0153	0.0699	< 0.0143
MC-Area 9-S-B11-EW1	8/24/2010	8/31/2010	< 0.0122	< 0.00815	< 0.0387	< 0.0377	< 0.0153	<0.0316	< 0.014
MC-Area 9-S-C9-B1	8/24/2010	8/31/2010	0.0379	0.0843	0.0775	0.0699	0.0414	0.0754	< 0.015
MC-Area 9-S-B10-B1	8/24/2010	8/31/2010	0.127	0.284	0.264	0.195	0.0921	0.228	<0.016
MC-Area 9-S-C8-WW1	8/24/2010	8/31/2010	<0.0111	<0.00809	<0.0384	<0.0374	<0.0152	<0.0313	<0.0142
MC-Area 9-S-B8-B1	8/24/2010	8/31/2010	0.182	0.405	0.403	0.268	0.128	0.305	<0.0166
DMC-Area 9-S-B11-B1	8/24/2010 8/24/2010	8/31/2010	2.01	3.96	4.11	2.77	1.57 0.0903	3.06 0.18	< 0.0155
OMC-Area 9-S-C11-EW1 OMC-Area 9-S-C11-B1	8/24/2010 8/24/2010	8/31/2010 8/31/2010	0.187 <0.014	0.257 <0.0102	0.285 <0.0483	0.167 <0.0471	<0.0903	<0.0394	<0.0149

Notes

All results in milligrams per kilogram (mg/kg)

Yellow shading denotes exceedance of remediation objective

TABLE A-2-J AREA 10 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH)

OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Benz(a)anthracene	Benzo(a)pyrene	Renzo(h)fluoranthene	Ranzo(k)fluoranthana	Dihang(a h)anthracana	Indeno(1,2,3-cd)pyrene	Nanhthalene	
	Collection	Report		Denzo(a)pyrene	Delizo(b)Huoi aittilelle			mucho(1,2,5-cu)pyrene		Comments
SITE REM	MEDIATION GOALS		1.8	2.1	2	6.2	0.42	1.6	1.8	
Area 10 - North Pile -1	10/6/2010	10/12/2010	<0.0128	< 0.00931	<0.0442	< 0.0431	< 0.0175	< 0.0361	< 0.0163	
Area 10 - North Pile -2	10/6/2010	10/12/2010	0.0776	0.0799	0.0807	0.0721	< 0.0175	0.0507	< 0.0164	
Area 10 - South Pile -1	10/6/2010	10/12/2010	0.519	0.57	0.622	0.526	0.149	0.367	< 0.0151	
Area 10 - South Pile -2	10/6/2010	10/12/2010	<0.0129	< 0.00941	< 0.0447	< 0.0435	< 0.0176	< 0.0365	< 0.0165	
Area10-S-A1SW	10/8/2010	10/14/2010	< 0.0136	< 0.00987	< 0.0469	< 0.0456	< 0.0185	< 0.0382	< 0.0173	
Area10-S-A2SW	10/8/2010	10/14/2010	< 0.0125	< 0.00908	< 0.0431	< 0.042	< 0.017	< 0.0352	< 0.0159	
Area10-S-A3SW	10/8/2010	10/14/2010	< 0.0138	< 0.01	< 0.0476	< 0.0464	< 0.0188	< 0.0388	< 0.0175	
Area10-S-A0WW	10/8/2010	10/14/2010	< 0.0138	< 0.0101	< 0.0477	< 0.0465	< 0.0188	< 0.0390	< 0.0176	
Area10-S-B0WW	10/8/2010	10/14/2010	< 0.0109	< 0.00796	< 0.0378	< 0.0368	< 0.0149	< 0.0308	< 0.0139	
Area10-S-COWW	10/8/2010	10/14/2010	0.0756	0.0766	0.0828	0.08	< 0.0155	0.0491	< 0.0144	
Area10-S-DOWW	10/8/2010	10/14/2010	< 0.0141	< 0.0102	< 0.0485	< 0.0473	< 0.0192	< 0.0396	< 0.0179	
Area10-S-E1NW	10/8/2010	10/14/2010	< 0.0135	< 0.00982	< 0.0466	< 0.0454	< 0.0184	< 0.038	< 0.0172	
Area10-S-E2NW	10/8/2010	10/14/2010	< 0.0131	< 0.00951	< 0.0452	< 0.044	< 0.0178	< 0.0369	< 0.0166	
Area10-S-A4SW	10/15/2010	10/21/2010	< 0.0144	< 0.0105	< 0.0497	< 0.0484	< 0.0196	< 0.0405	< 0.0183	
Area10-S-A5SW	10/15/2010	10/21/2010	0.0936	0.12	0.177	0.138	0.0654	0.106	< 0.0152	
Area10-S-A6SW	10/15/2010	10/21/2010	< 0.0125	< 0.00906	< 0.0430	< 0.0419	< 0.017	< 0.0351	<0.0159.	
Area10-S-E3NW	10/15/2010	10/21/2010	< 0.0136	< 0.00986	< 0.0468	< 0.0456	< 0.0185	< 0.0382	< 0.0173	
Area10-S-E4NW	10/15/2010	10/21/2010	< 0.0114	< 0.00828	< 0.0393	< 0.0383	< 0.0155	< 0.0321	< 0.0621	
Area10-S-F4WW	10/15/2010	10/21/2010	< 0.0112	< 0.00815	< 0.0387	< 0.0377	< 0.0153	< 0.0316	< 0.0143	
Area10-S-G5NW	10/15/2010	10/21/2010	< 0.552	< 0.402	<1.91	<1.86	< 0.753	<1.56	< 0.703	
Area 10-S-A2 SW R1	10/21/2010	10/27/2010	< 0.011	< 0.00803	< 0.0381	< 0.0371	< 0.0151	< 0.0311	< 0.0141	
Area 10-S-A7 SW	10/21/2010	10/27/2010	0.579	0.538	0.513	0.451	0.137	0.312	< 0.0154	
Area 10-S-A8 EW	10/21/2010	10/27/2010	0.0951	0.099	0.107	0.0961	< 0.0159	0.0608	< 0.0148	
Area 10-S-A8 SW	10/21/2010	10/27/2010	0.153	0.159	0.186	0.118	0.0463	0.0943	< 0.0144	-
Area 10-S-A8 EW	11/2/2010	11/16/2010	0.213	0.209	0.312	0.118	0.0661	0.148	< 0.0147	
Area 10-S-A8 SW	11/2/2010	11/16/2010	0.433	0.431	0.691	0.175	0.07	0.278	< 0.0143	
Area 10-S-G6 NW	11/2/2010	11/16/2010	0.0375	< 0.00857	0.05	< 0.0396	< 0.0161	< 0.0332	< 0.015	
Area 10-S-G7 NW	11/2/2010	11/16/2010	0.0439	0.0393	0.0867	< 0.0424	< 0.0172	0.0393	< 0.016	
Area 10-S-G8 NW	11/2/2010	11/16/2010	0.11	0.11	0.162	0.0641	< 0.0171	0.0728	< 0.0159	
Area 10-S-A9SW	11/10/2010	11/16/2010	0.845	0.97	1.06	0.576	0.303	0.698	< 0.015	
Area 10-S-A8EW-R2	11/10/2010	11/16/2010	0.589	0.586	0.597	0.496	0.192	0.398	< 0.0146	
Area10-S-G9NW	11/15/2010	11/19/2010	< 0.0124	0.042	0.0727	< 0.0416	< 0.0169	< 0.0348	< 0.0157	
Area10-S-G10EW-D	11/15/2010	11/19/2010	0.253	0.212	0.25	0.146	0.0643	0.139	< 0.0148	
Area10-S-G10EW	11/15/2010	11/19/2010	0.0731	0.0785	0.095	0.0491	<0.0161	0.0541	< 0.0151	
Area10-S-C10EW	11/15/2010	11/19/2010	0.0634	0.0917	0.102	0.0676	< 0.0159	0.0708	< 0.0149	
Area10-S-D10EW	11/15/2010	11/19/2010	0.249	0.265	0.243	0.2	0.0869	0.163	< 0.016	
Area10-S-E10EW	11/15/2010	11/19/2010	1.93	1.87	1.79	1.18	0.519	1.17	0.0479	No further excavation due to New Smelter Slab
Area10-S-F10EW	11/15/2010	11/19/2010	0.0621	0.0637	0.0888	<0.0442	< 0.0179	0.0482	< 0.0167	
Area 10-5 - B10EW	11/23/2010	12/2/2010	0.235	0.291	0.301	0.224	0.0592	0.107	< 0.0143	
Area 10-5 - E10EW-R1	11/23/2010	12/2/2010	<0.0112	< 0.00817	<0.0388	< 0.0378	< 0.0153	<0.0316	< 0.0143	

All results in milligrams per kilogram (mg/kg)

Yellow shading denotes exceedance of remediation objective

TABLE A-2-K AREA 13 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS FOR POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) OMC PLANT 2 PHASE II REMEDIAL ACTION

Sample ID	Date of Sample	Date of Lab	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenz(a h)anthracene	Indeno(1,2,3-cd)pyrene	Naphthalene
	Collection	Report	Deliz (d) different decerte	Delizo(a)pjrene	Delizo(b) rador direction	Delizo(k)IIdoI difference	Dibenz(ujii) antini acciic	inteno(1,2,5 cd)pyrene	Naphthalene
SITE REME	DIATION GOALS		1.8	2.1	2	6.2	0.42	1.6	1.8
Area 13- W - Westbase	11/17/2010	11/24/2010	< 0.673	< 0.577	< 0.673	< 0.769	< 0.577	< 0.481	< 0.481

All results in milligrams per kilogram (mg/kg)

TABLE A-3 TRICHLOROETHYLENE (TCE) RESULTS FROM CONFIRMATION SAMPLES PLANT 2 GRID AREAS **OUTBOARD MARINE CORPORATION PLANT 2**

Sample ID	Date of Sample	Date of Lab	TCE Concentration
	Collection	Report	mg/kg
SIT	TE REMEDIATION GOAL		0.053
Grid-S-I11-Base-2	12/16/2010	12/22/2010	0.00121
Grid-S-K15-Base-1	12/16/2010	12/22/2010	0.00287
Grid-S-L21-Base-1	12/16/2010	12/22/2010	0.146
Grid-S-M13-Base-4	12/16/2010	12/22/2010	0.00105
Grid-S-M19-Base-4	12/16/2010	12/22/2010	0.0826
Grid-S-M19-Base-4-Dup	12/16/2010	12/22/2010	0.0961
Grid-S-M20-Base-3	12/16/2010	12/22/2010	0.0886
Grid-S- F17-Base-3	12/22/2010	1/3/2011	0.0166
Grid-S- F20-Base-1	12/22/2010	1/3/2011	0.143
Grid-S- G21-Base-2	12/22/2010	1/3/2011	0.00894
Grid-S-F20-Base-2	1/26/2011	1/31/2011	0.134
Grid-S-F20-Base-3	2/7/2011	2/10/2011	0.0881
Grid-S-C21-Base-3	2/9/2011	2/16/2011	1.84
Grid-S-C22-Base-3	2/9/2011	2/16/2011	1.28
Grid-S-D21-Base-3	2/9/2011	2/16/2011	7.31
Grid-S-D22-Base-3	2/9/2011	2/16/2011	15.3
Grid-S-D23-Base-3	2/9/2011	2/16/2011	10.6
Grid-S-E21-Base-3	2/9/2011	2/16/2011	4.08
Grid-S-E22-Base-3	2/9/2011	2/16/2011	1.04
Grid-S-E23-Base-3	2/9/2011	2/16/2011	4.18
Grid-S-F21-Base-3	2/9/2011	2/16/2011	2.76
Grid-S-F22-Base-3	2/9/2011	2/16/2011	2.77
Grid-S-G22-Base-2	2/9/2011	2/16/2011	0.897
Grid-S-I21-Base-4	2/9/2011	2/16/2011	0.283
Grid-S-I22-Base-2	2/9/2011	2/16/2011	2.77
Grid-S-J22-Base-3	2/9/2011	2/16/2011	0.00451
Grid-S-C21-Base-4	2/17/2011	2/23/2011	0.212
Grid-S-C22-Base-4	2/17/2011	2/23/2011	29.3
Grid-S-D21-Base-4	2/17/2011	2/23/2011	0.0614
Grid-S-D22-Base-4	2/17/2011	2/23/2011	0.142
Grid-S-D23-Base-4	2/17/2011	2/23/2011	0.0398
Grid-S-E21-Base-4	2/17/2011	2/23/2011	0.0372
Grid-S-E22-Base-4	2/17/2011	2/23/2011	2.36
Grid-S-E23-Base-4	2/17/2011	2/23/2011	0.0188
Grid-S-F21-Base-4	2/17/2011	2/23/2011	7.69
Grid-S-F22-Base-4	2/17/2011	2/23/2011	0.19
Grid-S-G22-Base-4	2/17/2011	2/23/2011	0.0129
Grid-S-H22-Base-4	2/17/2011	2/23/2011	0.0153
Grid-S-I22-Base-4	2/17/2011	2/23/2011	0.197
Grid-S-F20-Base-4	2/23/2011	2/28/2011	1.29
Grid-S-C15-Base-4	4/25/2011	4/29/2011	49.1
Grid-S-C16-Base-4	4/25/2011	4/29/2011	2.31

All results in milligrams per kilogram (mg/kg)

Exceeds Remediation Objective of 0.053 mg/kg

TABLE A-4 NORTH DITCH WATER RESULTS OUTBOARD MARINE CORPORATION PLANT 2 SITE

Field ID	Parameter	Collection Date	Analysis Date	Flag	Results	Units
PRE REMEDIATION						
OMC-NORTH DITCH WEST	Aldrin	08/19/10	08/25/10	U	< 0.012	ug/L
OMC-NORTH DITCH WEST	alpha-Chlordane	08/19/10	08/25/10		0.083	ug/L
OMC-NORTH DITCH WEST	Arsenic	08/19/10	08/25/10		877	ug/L
OMC-NORTH DITCH WEST	alpha-BHC	08/19/10	08/25/10	U	<0.0060	ug/L
OMC-NORTH DITCH WEST	beta-BHC	08/19/10	08/25/10	lu	<0.013	ug/L
OMC-NORTH DITCH WEST	delta-BHC	08/19/10	08/25/10	u	<0.0090	ug/L
OMC-NORTH DITCH WEST	gamma-BHC (Lindane)	08/19/10	08/25/10		1.9	ug/L
OMC-NORTH DITCH WEST	Cadmium	08/19/10	08/25/10	U	<0.26	ug/L
AND ALL DAY SULLEY OF THE LIE AS A SULLEY OF THE SULLEY OF	Chlordane (Technical)	08/19/10	08/25/10	10	13.6	ug/L
OMC-NORTH DITCH WEST				-	_	
OMC-NORTH DITCH WEST	gamma-Chlordane	08/19/10	08/25/10	-	0.088	ug/L
OMC-NORTH DITCH WEST	Chromium	08/19/10	08/25/10	-	15.2	ug/L
OMC-NORTH DITCH WEST	Copper	08/19/10	08/25/10		54.5	ug/L
OMC-NORTH DITCH WEST	4,4'-DDD	08/19/10	08/25/10	J	0.024J	ug/L
OMC-NORTH DITCH WEST	4,4'-DDE	08/19/10	08/25/10		0.43	ug/L
OMC-NORTH DITCH WEST	4,4'-DDT	08/19/10	08/25/10		0.14	ug/L
OMC-NORTH DITCH WEST	Dieldrin	08/19/10	08/25/10		0.21	ug/L
OMC-NORTH DITCH WEST	Endosulfan I	08/19/10	08/25/10	U	<0.011	ug/L
OMC-NORTH DITCH WEST	Endosulfan II	08/19/10	08/25/10	J	0.054J	ug/L
OMC-NORTH DITCH WEST	Endosulfan sulfate	08/19/10	08/25/10	J	0.067J	ug/L
OMC-NORTH DITCH WEST	Endrin	08/19/10	08/25/10	U	<0.023	ug/L
OMC-NORTH DITCH WEST	Endrin aldehyde	08/19/10	08/25/10	J	0.065J	ug/L
OMC-NORTH DITCH WEST	Endrin ketone	08/19/10	08/25/10	U	<0.016	ug/L
OMC-NORTH DITCH WEST	Heptachlor	08/19/10	08/25/10	1	0.87	ug/L
OMC-NORTH DITCH WEST	Heptachlor epoxide	08/19/10	08/25/10		1.8	ug/L
	Lead	08/19/10		-	86.2	ug/L
OMC-NORTH DITCH WEST			08/25/10	-	_	_
OMC-NORTH DITCH WEST	Methoxychlor	08/19/10	08/25/10	-	0.68	ug/L
OMC-NORTH DITCH WEST	Nickel	08/19/10	08/25/10	-	10.3	ug/L
OMC-NORTH DITCH WEST	Nitrogen, Ammonia	08/19/10	08/25/10		0.86	mg/L
OMC-NORTH DITCH WEST	PCB-1016 (Aroclor 1016)	08/19/10	08/25/10	U	<7.5	ug/L
OMC-NORTH DITCH WEST	PCB-1221 (Aroclor 1221)	08/19/10	08/25/10	U	<7.5	ug/L
OMC-NORTH DITCH WEST	PCB-1232 (Aroclor 1232)	08/19/10	08/25/10	U	<7.5	ug/L
OMC-NORTH DITCH WEST	PCB-1242 (Aroclor 1242)	08/19/10	08/25/10		148	ug/L
OMC-NORTH DITCH WEST	PCB-1248 (Aroclor 1248)	08/19/10	08/25/10	U	<7.5	ug/L
OMC-NORTH DITCH WEST	PCB-1254 (Aroclor 1254)	08/19/10	08/25/10	U	<7.5	ug/L
OMC-NORTH DITCH WEST	PCB-1260 (Aroclor 1260)	08/19/10	08/25/10	J	8.0J	ug/L
OMC-NORTH DITCH WEST	PCB, Total	08/19/10	08/25/10		156	ug/L
OMC-NORTH DITCH WEST	Total Suspended Solids	08/19/10	08/25/10		730	mg/L
OMC-NORTH DITCH WEST	Toxaphene	08/19/10	08/25/10		9.7	ug/L
OMC-NORTH DITCH WEST	Zinc	08/19/10	08/25/10		384	ug/L
OMC-NORTH DITCH WEST	Tetrachloro-m-xylene (S)	08/19/10	08/25/10		53	%
OMC-NORTH DITCH WEST	Tetrachloro-m-xylene (S)	08/19/10	08/25/10		56	%
OMC-NORTH DITCH WEST	Decachlorobiphenyl (S)	08/19/10	08/25/10		67	%
OMC-NORTH DITCH WEST	Decachlorobiphenyl (S)	08/19/10	08/25/10		70	%
DISCHARGE AFTER FILTRAT	ION					
NORTH DITCH DISCHARGE	PCB-1016 (Aroclor 1016)	09/30/10	10/06/10	U	<0.24	ug/L
NORTH DITCH DISCHARGE	PCB-1221 (Aroclor 1221)	09/30/10	10/06/10	U	<0.24	ug/L
NORTH DITCH DISCHARGE	PCB-1232 (Aroclor 1232)	09/30/10	10/06/10	U	<0.24	ug/L
NORTH DITCH DISCHARGE	PCB-1242 (Aroclor 1242)	09/30/10	10/06/10		1.7	ug/L
NORTH DITCH DISCHARGE	PCB-1248 (Aroclor 1248)	09/30/10	10/06/10	U	<0.24	ug/L
NORTH DITCH DISCHARGE	PCB-1254 (Aroclor 1254)	09/30/10	10/06/10	U	<0.24	ug/L
NORTH DITCH DISCHARGE	PCB-1260 (Aroclor 1260)	09/30/10	10/06/10	U	<0.24	ug/L
NORTH DITCH DISCHARGE	Tetrachloro-m-xylene (S)	09/30/10	10/06/10		79	%
NORTH DITCH DISCHARGE	PCB-1016 (Aroclor 1016)	10/01/10	10/06/10	U	<0.25	ug/L
NORTH DITCH DISCHARGE	PCB-1221 (Aroclor 1221)	10/01/10	10/06/10	U	<0.25	ug/L
NORTH DITCH DISCHARGE	PCB-1232 (Aroclor 1232)	10/01/10	10/06/10	U	<0.25	ug/L
NORTH DITCH DISCHARGE	PCB-1242 (Aroclor 1242)	10/01/10	10/06/10		2.0	ug/L
NORTH DITCH DISCHARGE	PCB-1248 (Aroclor 1248)	10/01/10	10/06/10	U	<0.25	ug/L
NORTH DITCH DISCHARGE	PCB-1254 (Aroclor 1254)	10/01/10	10/06/10	U	<0.25	ug/L
NORTH DITCH DISCHARGE	PCB-1260 (Aroclor 1260)	10/01/10	10/06/10	U	<0.25	ug/L
TOMINI DITON DISCHANGE	I CO TEOD [MIDCIDI TEOD)	20/01/10	120/00/10	10	10.23	148/L

POST REMEDIATION AND SOIL AMENDMENT PRIOR TO BERM REMOVAL

Field ID	Parameter	Collection Date	Analysis Date	Results	Units				
ND1	рН	11/8/2010	11/9/2010	7.83	pH units				

TABLE A-5 RETENTION BASIN WATER SAMPLE OUTBOARD MARINE CORPORATION PLANT 2 SITE

Field ID	Parameter	Collection Date	Analysis Date	Flag	Results	Units
OMC-RETENTION POND	Aldrin	9/2/2010	9/11/2010	U	<0.011	ug/L
OMC-RETENTION POND	alpha-Chlordane	9/2/2010	9/11/2010	J	0.025	ug/L
OMC-RETENTION POND	Arsenic	9/2/2010	9/11/2010	J	9.6	ug/L
OMC-RETENTION POND	alpha-BHC	9/2/2010	9/11/2010	U	<0.0058	ug/L
OMC-RETENTION POND	beta-BHC	9/2/2010	9/11/2010	U	<0.012	ug/L
OMC-RETENTION POND	delta-BHC	9/2/2010	9/11/2010	U	<0.0088	ug/L
OMC-RETENTION POND	gamma-BHC (Lindane)	9/2/2010	9/11/2010	U	<0.0075	ug/L
OMC-RETENTION POND	Cadmium	9/2/2010	9/11/2010	J	1.7	ug/L
OMC-RETENTION POND	Chlordane (Technical)	9/2/2010	9/11/2010		2.5	ug/L
OMC-RETENTION POND	gamma-Chlordane	9/2/2010	9/11/2010	J	0.019	ug/L
OMC-RETENTION POND	Chromium	9/2/2010	9/11/2010		23.1	ug/L
OMC-RETENTION POND	Chromium, Hexavalent	9/2/2010	9/11/2010	U	<0.0039	mg/L
OMC-RETENTION POND	Copper	9/2/2010	9/11/2010		34.4	ug/L
OMC-RETENTION POND	4,4'-DDD	9/2/2010	9/11/2010	U	<0.022	ug/L
OMC-RETENTION POND	4,4'-DDE	9/2/2010	9/11/2010		0.17	ug/L
OMC-RETENTION POND	4,4'-DDT	9/2/2010	9/11/2010	J	0.083	ug/L
OMC-RETENTION POND	Dieldrin	9/2/2010	9/11/2010	J	0.067	ug/L
OMC-RETENTION POND	Endosulfan I	9/2/2010	9/11/2010	U	<0.010	ug/L
OMC-RETENTION POND	Endosulfan II	9/2/2010	9/11/2010	U	<0.022	ug/L
OMC-RETENTION POND	Endosulfan sulfate	9/2/2010	9/11/2010	U	<0.016	ug/L
OMC-RETENTION POND	Endrin	9/2/2010	9/11/2010	U	<0.023	ug/L
OMC-RETENTION POND	Endrin aldehyde	9/2/2010	9/11/2010	U	<0.018	ug/L
OMC-RETENTION POND	Endrin ketone	9/2/2010	9/11/2010	U	<0.015	ug/L
OMC-RETENTION POND	Heptachlor	9/2/2010	9/11/2010	U	<0.0086	ug/L
OMC-RETENTION POND	Heptachlor epoxide	9/2/2010	9/11/2010	U	<0.0079	ug/L
OMC-RETENTION POND	Lead	9/2/2010	9/11/2010		73.5	ug/L
OMC-RETENTION POND	Mercury	9/2/2010	9/11/2010	U	<0.10	ug/L
OMC-RETENTION POND	Methoxychlor	9/2/2010	9/11/2010	U	<0.084	ug/L
OMC-RETENTION POND	Nickel	9/2/2010	9/11/2010		13.3	ug/L
OMC-RETENTION POND	Nitrogen, Ammonia	9/2/2010	9/11/2010	U	<0.25	mg/L
OMC-RETENTION POND	PCB-1016 (Aroclor 1016)	9/2/2010	9/11/2010	U	<0.24	ug/L
OMC-RETENTION POND	PCB-1221 (Aroclor 1221)	9/2/2010	9/11/2010	U	<0.24	ug/L
OMC-RETENTION POND	PCB-1232 (Aroclor 1232)	9/2/2010	9/11/2010	U	<0.24	ug/L
OMC-RETENTION POND	PCB-1242 (Aroclor 1242)	9/2/2010	9/11/2010	U	<0.24	ug/L
OMC-RETENTION POND	PCB-1248 (Aroclor 1248)	9/2/2010	9/11/2010	U	<0.24	ug/L
OMC-RETENTION POND	PCB-1254 (Aroclor 1254)	9/2/2010	9/11/2010	U	<0.24	ug/L
OMC-RETENTION POND	PCB-1260 (Aroclor 1260)	9/2/2010	9/11/2010		0.59	ug/L
OMC-RETENTION POND	Total Suspended Solids	9/2/2010	9/11/2010		410	mg/L
OMC-RETENTION POND	Toxaphene	9/2/2010	9/11/2010	U	<0.46	ug/L
OMC-RETENTION POND	Zinc	9/2/2010	9/11/2010		264	ug/L
OMC-RETENTION POND	Tetrachloro-m-xylene (S)	9/2/2010	9/11/2010		100	%
OMC-RETENTION POND	Tetrachloro-m-xylene (S)	9/2/2010	9/11/2010		64	%
OMC-RETENTION POND	Decachlorobiphenyl (S)	9/2/2010	9/11/2010		65	%

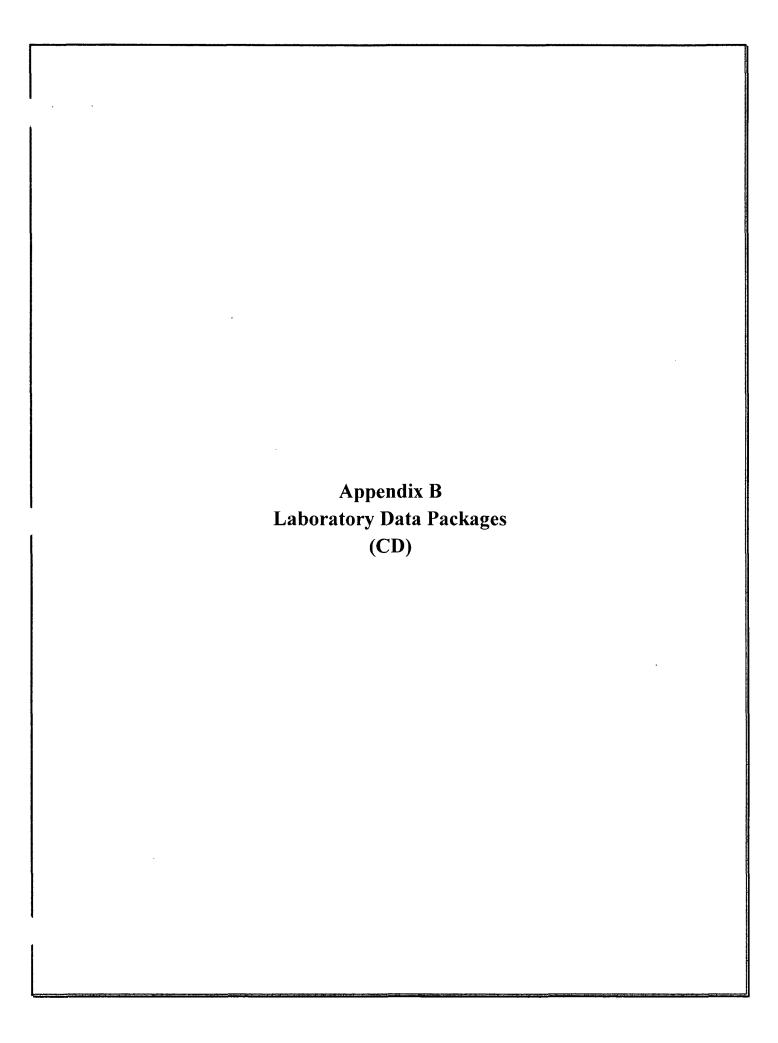
TABLE A-6 ANALYTICAL RESULTS FOR IMPORTED SAND FOR DUNE AREA OUTBOARD MARINE CORPORATION PLANT 2 SITE

			Sample ID				
Compound Class	Analyte	Exposure R	oute-Specific		onent of the	Fill Sand #2	
Compound Glass	Allaryte		for Soils		ter Ingestion		
					Route Values		
		Ingestion	Migration	Class I	Class II		
GC Semivolatiles	2,4,5-TP (Silvex) 2,4-D	630 780		1.5	55 7.7	0	
GC Semivolatiles GC Semivolatiles	4.4'-DDD	3		1.5	80	0	
GC Semivolatiles	4,4'-DDE	2		54	270	0	
GC Semivolatiles	4,4'-DDT	2		32	160	0	
GC Semivolatiles	Aldrin	0.04	3	0.5	2.5	0	
GC Semivolatiles	alpha-BHC	0.1	0.8	0.0005	0.003	0	
GC Semivolatiles	Aroclor 1016					0	
GC Semivolatiles	Aroclor 1221					0	
GC Semivolatiles	Aroclor 1232					0	
GC Semivolatiles	Aroclor 1242	_				0	
GC Semivolatiles GC Semivolatiles	Aroclor 1248 Aroclor 1254	-				0	
GC Semivolatiles	Aroclor 1260	-				0	
GC Semivolatiles	Aroclor 1262					0	
GC Semivolatiles	Aroclor 1268					0	
GC Semivolatiles	beta-BHC					0	
GC Semivolatiles	Chlordane	1.8	72	10	48	0	
GC Semivolatiles	Dalapon	2300		0.85	8.5	0	
GC Semivolatiles	delta-BHC					0	
GC Semivolatiles	Dieldrin	0.04	1	0.004	0.02	0	
GC Semivolatiles	Dinoseb Endoculton I	78 470	\vdash	0.34	3.4	0	
GC Semivolatiles GC Semivolatiles	Endosulfan II	4/0	\vdash	18	90	0	
GC Semivolatiles	Endosulfan sulfate	1	\vdash		-	0	
GC Semivolatiles	Endrin	23	\vdash	1	5	0	
GC Semivolatiles	Endrin aldehyde					0	
GC Semivolatiles	Endrin ketone					0	
GC Semivolatiles	Gamma-BHC					0	
GC Semivolatiles	Heptachlor	0.1	0.1	23	110	0	
GC Semivolatiles	Heptachlor epoxide	0.07	5	0.7	3.3	0	
GC Semivolatiles	Methoxychlor	390		160	780	0	
GC Semivolatiles	Total PCB's	1				0	
GC Semivolatiles	Toxaphene 1.2.4-Trichlorobenzene	0.6	89	31	150	0	
GCMS Semivolatiles GCMS Semivolatiles	1,2,4-1 richlorobenzene	780 7000	3200 560	5 17	53 43	0	
GCMS Semivolatiles	1,2-Dichlorobenzene 1,2-Diphenyl-hydrazine	7000	360	17	43	0	
GCMS Semivolatiles	1,3-Dichlorobenzene	-	\vdash			0	
GCMS Semivolatiles	1,4-Dichlorobenzene	_	11000	2	11	0	
GCMS Semivolatiles	2,2'-oxybis(1-chloropropane)			_		0	
GCMS Semivolatiles	2,4,5-Trichlorophenol	7800		270	1400	0	
GCMS Semivolatiles	2,4,6-Trichlorophenol	58	200	0.2	0.77	0	
GCMS Semivolatiles	2,4-Dichlorophenol	230		1	1	0	
GCMS Semivolatiles	2,4-Dimethylphenol	1600		9	9	0	
GCMS Semivolatiles	2,4-Dinitrophenol	160		0.2	0.2	0	
GCMS Semivolatiles GCMS Semivolatiles	2,4-Dinitrotoluene	0.9		0.0008	8000.0	0	
GCMS Semivolatiles	2,6-Dichlorophenol 2,6-Dinitrotoluene	0.9	\vdash	0.0007	0.0007	0	
GCMS Semivolatiles	2-Chloronaphthalene	0.5	\vdash	0.0007	0.0007	0	
GCMS Semivolatiles	2-Chlorophenol	390	53000	4	4	0	
GCMS Semivolatiles	2-Methylnaphthalene					0	
GCMS Semivolatiles	2-Methylphenol	3900		15	15	0	
GCMS Semivolatiles	2-Nitroaniline					0	
GCMS Semivolatiles	2-Nitrophenol					0	
GCMS Semivolatiles	3,3'-Dichlorobenzidine	1		0.007	0.033	0	
GCMS Semivolatiles	3/4-Methylphenol	-				0	
GCMS Semivolatiles GCMS Semivolatiles	3-Nitroaniline 4,6-Dinitro-2-methylphenol	-	\vdash		\vdash	0	
GCMS Semivolatiles	4-Bromophenyl phenyl ether	1	-			0	
GCMS Semivolatiles	4-Chloro-3-methylphenol					0	
GCMS Semivolatiles	4-Chloroaniline	310		0.7	0.7	0	
GCMS Semivolatiles	4-Chlorophenyl phenyl ether					0	
GCMS Semivolatiles	4-Nitroaniline					0	
GCMS Semivolatiles	4-Nitrophenol					0	
GCMS Semivolatiles	Acenaphthene	4700		570	2900	0	
GCMS Semivolatiles	Acenaphthylene					0	
GCMS Semivolatiles	Acetophenone				\vdash	0	
GCMS Semivolatiles GCMS Semivolatiles	Aniline Anthracene	23000		12000	59000	0	
GCMS Semivolatiles	Benzidine	23000		12000	39000	0	
GCMS Semivolatiles	Benzo[a]anthracene	0.9		2	8	0	
GCMS Semivolatiles	Benzo[a]pyrene	0.09		8	82	0	
GCMS Semivolatiles	Benzo[b]fluoranthene	0.9		5	25	0	
GCMS Semivolatiles	Benzo[g,h,i]perylene					0	
GCMS Semivolatiles	Benzo[k]fluoranthene	9		49	250	0	
GCMS Semivolatiles	Benzoic acid	310000		400	400	0	
GCMS Semivolatiles	Benzyl alcohol					0	
GCMS Semivolatiles	Bis(2-chloroethoxy)methane	- 22		0.0001	0.0001	0	
GCMS Semivolatiles	Bis(2-chloroethyl)ether	0.6	0.2 31000	0.0004 3600	0.0004 31000	0	
GCMS Semivolatiles GCMS Semivolatiles	Bis(2-ethylhexyl)phthalate Butyl benzyl phthalate	16000	930	930	930	0	
GCMS Semivolatiles	Carbazole	32	930	0.6	2.8	0	
GCMS Semivolatiles	Chrysene	88	-	160	800	0	
GCMS Semivolatiles	Dibenz[a,h]anthracene			,,,,	500	0	
GCMS Semivolatiles	Dibenzofuran					0	
GCMS Semivolatiles	Diethyl phthalate	63000	2000	470	470	0	
GCMS Semivolatiles	Dimethyl phthalate					0	
GCMS Semivolatiles	Di-n-butyl phthalate	7800	2300	2300	2300	0	
2010 Campinglatiles	Di-n-octyl phthalate	1600	10000	10000	10000	0	
GCMS Semivolatiles GCMS Semivolatiles	Fluoranthene	3100		4300	21000	0	

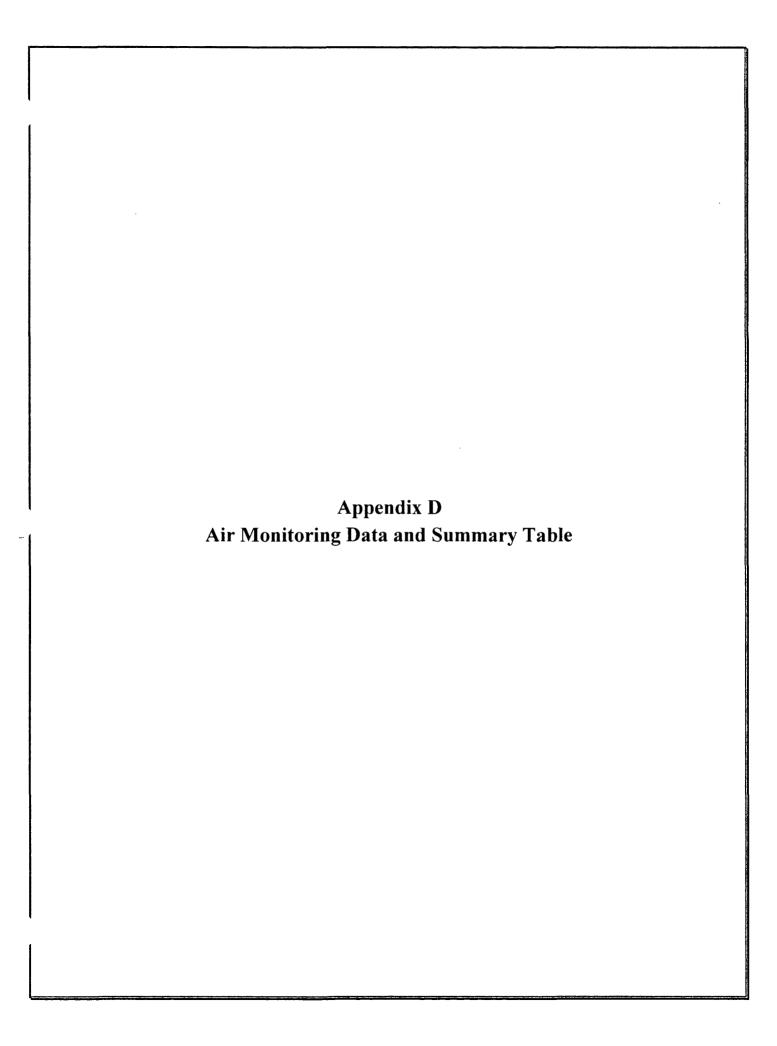
TABLE A-6 ANALYTICAL RESULTS FOR IMPORTED SAND FOR DUNE AREA **OUTBOARD MARINE CORPORATION PLANT 2 SITE**

			Residential	Properties		Sample ID
Compound Class	Analyte	Values	oute-Specific for Soils	Groundwat Exposure R	onent of the ter Ingestion loute Values	Fill Sand #2
		Ingestion	Migration	Class I	Class II	-
GCMS Semivolatiles	Hexachlorobenzene	0.4	1	2	11	0
GCMS Semivolatiles	Hexachlorobutadiene					0
GCMS Semivolatiles	Hexachlorocyclopentadiene	550	10	400	2200	0
GCMS Semivolatiles	Hexachloroethane	78		0.5	2.6	0
GCMS Semivolatiles	Indeno[1,2,3cd]pyrene					0
GCMS Semivolatiles	Isophorone	15600	4600	8	8	0
GCMS Semivolatiles	Naphthalene	1600	170	12	18	0
GCMS Semivolatiles	Nitrobenzene	39	92	0.1	0.1	0
GCMS Semivolatiles	N-Nitrosodimethylamine					0
GCMS Semivolatiles	N-Nitrosodi-n-propylamine	0.09		0.00005	0.00005	0
GCMS Semivolatiles	N-Nitrosodiphenylamine	130		1	5.6	0
GCMS Semivolatiles	Pentachlorophenol	3		0.03	0.14	0
GCMS Semivolatiles	Phenanthrene					0
GCMS Semivolatiles	Phenol	23000		100	100	0
GCMS Semivolatiles	Pyrene	2300		4200	21000	0
GCMS Semivolatiles	Pyridine					0
GCMS Semivolatiles	Total Cresol					0
GCMS Volatiles	1,1,1,2-Tetrachloroethane					0
GCMS Volatiles	1.1.1-Trichloroethane		1200	2	9.6	0
GCMS Volatiles	1,1,2,2-Tetrachloroethane				-10	0
GCMS Volatiles	1,1,2-Trichloroethane	310	1800	0.02	0.3	0
GCMS Volatiles	1,1-Dichloroethane	7800	1300	23	110	0
GCMS Volatiles	1,1-Dichloroethene	3900	290	0.06	0.36	0
GCMS Volatiles	1,2-Dichloroethane	7	0.04	0.02	0.1	0
GCMS Volatiles	1,2-Dichloropropane	9	15	0.02	0.15	0
GCMS Volatiles	2-Butanone		15	0.00	0.15	0
GCMS Volatiles	2-Hexanone		\vdash			0
GCMS Volatiles	4-Methyl-2-Pentanone		\vdash	_	-	0
		70000	100000	25	25	0
GCMS Volatiles	Acetone	70000	100000	25	25	0
GCMS Volatiles	Acrolein	_	\vdash			
GCMS Volatiles	Acrylonitrile	- 10		0.00	0.17	0
GCMS Volatiles	Benzene	12	0.8	0.03	0.17	0.0086
GCMS Volatiles	Bromodichloromethane	10	3000	0.6	0.6	0
GCMS Volatiles	Bromoform	81	53	0.8	0.8	0
GCMS Volatiles	Bromomethane	110	10	0.2	1.2	0
GCMS Volatiles	Carbon Disulfide	7800	720	32	160	0
GCMS Volatiles	Carbon tetrachloride	5	0.33	0.07	0.33	0
GCMS Volatiles	Chlorobenzene	1600	130	1	6.5	0
GCMS Volatiles	Chloroethane					0
GCMS Volatiles	Chloroform	100	0.3	0.6	2.9	0
GCMS Volatiles	Chloromethane					0
GCMS Volatiles	cis-1,2-Dichloroethene	780	1200	0.4	1.1	0
GCMS Volatiles	cis-1,3-Dichloropropene					0
GCMS Volatiles	Dibromochloromethane	1600	1300	0.4	0.4	0
GCMS Volatiles	Ethylbenzene	7800	400	13	19	0.0064
GCMS Volatiles	m,p-Xylene					0.0094
GCMS Volatiles	Methylene chloride	85	13	0.02	0.2	0
GCMS Volatiles	Methyl-t-Butyl Ether					0
GCMS Volatiles	o-Xylene	16000	410	190	190	0
GCMS Volatiles	Styrene	16000	1500	4	18	0
GCMS Volatiles	Tetrachloroethene					0
GCMS Volatiles	Toluene	16000	650	12	29	0.019
GCMS Volatiles	Total 1,2-Dichloroethene					0
GCMS Volatiles	Total Xylenes					0.013
GCMS Volatiles	trans-1,2-Dichloroethene	1600	3100	0.7	3.4	0
GCMS Volatiles	trans-1,3-Dichloropropene					0
GCMS Volatiles	Trichloroethene					0
GCMS Volatiles	Trichlorofluoromethane					0
GCMS Volatiles	Vinyl Acetate	78000	1000	170	170	0
GCMS Volatiles	Vinyl chloride	0.46	0.28	0.01	0.07	0
Metals	Aluminum					2000
Metals	Antimony	31		0.006	0.024	0
Metals	Arsenic	-	750	0.05	0.2	2.4
Vietals	Beryllium	160	1300	0.004	0.5	0
Metals	Cadmium	78	1800	0.005	0.05	0
Metals	Calcium	70	1000	0.000	0.00	57000
vietais Vietais	Chromium	230	270	0.1	1	0
Metals Metals		2900	2/0	0.1	0.65	7.7
Metals Metals	Copper	2900	\vdash		5	6000
	Iron	400		0.0075	0.1	2.9
Metals	Lead	400		0.0075	0.1	
Metals	Magnesium	1000	00000	0.15	10	35000
Metals	Manganese	1600	69000	0.15	10	190
Metals	Mercury	23	10	0.002	0.01	0
Metals	Nickel	1600	13000	0.1	2	4.8
Metals	Potassium					370
Metals	Selenium	390		0.05	0.05	0
/letals	Silver	390		0.05		0
Metals	Sodium					130
Metals	Thallium	6.3		0.002	0.02	0
Metals	Zinc	23000		5	10	18
Wet Chemistry	Percent Solids					930000.0235

Notes
All concentrations are listed in mg/Kg or mg/L (ppm)
All values taken from the Feb 23, 2007 revision of the IL TACO (Tiered Approach to Corrective Action Objectives) program



Appendix C **Waste Manifests** (CD)





			Flow Volume	PM10	PM10	Actual	Actual	PM10	Wind	
		Sample	Standard Air	ug/filter	ug/m3	Sample Time	Sample Time	Prorated to	Direction	Notes
No	Date	location	(m3)			(mins)	(hrs)	24-Hour (ug/m3)	Origin	
1	5/1/2010	AS-E1	858.34	7800	9.087307	744	12.4	17.59	SSW	Background
		AS-N1	887.66	7500	8.449163	767	12.78	15.86	SSW	Background
		AS-W1	883.48	8900	10.07378	767	12.78	18.91	SSW	Background
		AS-S1	513.03	8800	17.15284	446	7.43	55.38	SSW	Background
		AS-S1D	877.64	9500	10.82451	755	12.58	20.65	SSW	Background
2	5/2/2010	AS-E1	1140.66	5800	5.084785	985	16.42	7.43	S	Background
		AS-N1	1507.55	11400	7.561958	1294	21.57	8.42	S	Background
		AS-W1	714.22	9300	13.02129	617	10.28	30.39	S	Background
		AS-S1	1366.30	8800	6.440768	1180	19.67	7.86	S	Background
		AS-S1D	1350.34	9700	7.183402	1154	19.23	8.96	S	Background
3	5/3/2010	AS-E1	1507.55	15500	10.28159	1289	21.48	11.49	WSW	Background
		AS-N1	1461.62	16000	10.94679	1246	20.77	12.65	WSW	Background
		AS-W1	1073.86	12900	12.01274	925	15.42	18.70	WSW	Background
		AS-S1	912.89	16300	17.85537	789	13.15	32.59	WSW	Background
		AS-S1D	942.38	16100	17.08439	806	13.43	30.52	WSW	Background
4	5/4/2010	AS-E1	1318.28	20400	15.47473	1142	19.03	19.51	SSW	Background
		AS-N1	1312.74	27600	21.02475	1132	18.87	26.75	SSW	Background
		AS-W1	1353.75	26000	19.20592	1174	19.57	23.56	SSW	Background
		AS-S1	1135.55	53500	47.11362	985	16.42	68.88	SSW	Background
		AS-S1D	1126.36	50400	44.746	968	16.13	66.56	SSW	Background
5	Week of 5/12/2	2010 - No S	amples Collected	, due to rai	n all week					
6	5/18/2010	AS-E1	1362.20	28100	20.62839	1151	19.18	25.81	NE	
		AS-N1	1347.47	9600	7.124452	1136	18.93	9.03	NE	
		AS-W1	1389.49	22700	16.33694	1145	19.08	20.55	NE	
		AS-S1	1513.12	21500	14.20908	1284	21.40	15.94	NE	
		AS-S1D	1531.79	16200	10.57589	1285	21.42	11.85	NE	
7	5/25/2010	AS-E1	1307.91	34100	26.0722	1126.8	18.78	33.32	NE	
		AS-N1	1293.06	32600	25.21151	1111.2	18.52	32.67	NE	
		AS-W1	922.49	76100	82.49375	808.2	13.47	146.98	NE	
		AS-S1	1075.22	30100	27.99424	930.6	15.51	43.32	NE	
		AS-S1D	1093.04	29000	26.53158	928.8	15.48	41.13	NE	

PM10 MONITORING ANALYTICAL RESULTS

			Flow Volume	PM10	PM10	Actual	Actual	PM10	Wind	
		Sample	Standard Air	ug/filter	ug/m3	Sample Time	Sample Time	Prorated to	Direction	Notes
No	Date	location	(m3)			(mins)	(hrs)	24-Hour (ug/m3)	Origin	
8	6/3/2010	AS-E1	924.55	7700	8.328382	792.6	13.21	15.13	N-NE	
		AS-N1	867.40	6500	7.493682	744.6	12.41	14.49	N-NE	
		AS-W1	940.19	13100	13.93334	804.6	13.41	24.94	N-NE	
		AS-S1	746.66	17400	23.30371	643.8	10.73	52.12	N-NE	
		AS-S1D	756.42	17600	23.26739	642.6	10.71	52.14	N-NE	
9	6/9/2010	AS-E1	1286.59	25500	19.81985	1118.4	18.64	25.52	WNW	
		AS-N1	1279.57	24400	19.0689	1109.4	18.49	24.75	WNW	
	T I	AS-W1	1329.62	19600	14.741	1153.8	19.23	18.40	WNW	
		AS-S1	1655.86	50900	30.73927	1440	24.00	30.74	WNW	
		AS-S1D	1671.38	53600	32.06932	1437	23.95	32.14	WNW	
10	6/16/2010	AS-E1	800.64	10500	13.11453	690	11.50	27.37		
		AS-N1	784.10	11100	14.15629	674.4	11.24	30.23		
		AS-W1	877.78	11900	13.55689	756.6	12.61	25.80		
		AS-S1	1666.85	26300	15.7783	1438.2	23.97	15.80		
		AS-S1D	1683.66	26200	15.56136	1438.8	23.98	15.57		
11	6/24/2010	AS-E1	973.05	11100	11.40744	834.6	13.91	19.68		
		AS-N1	829.38	12000	14.46871	710.4	11.84	29.33		
		AS-W1	1089.57	16400	15.05176	915	15.25	23.69		
		AS-S1	1678.31	54600	32.53278	1446	24.10	32.40		
		AS-S1D	1689.49	53700	31.78469	1438.2	23.97	31.82		
12	6/30/2010	AS-E1	889.36	9600	10.79428	751.8	12.53	20.68		
		AS-N1	799.42	12600	15.76147	675	11.25	33.62		
		AS-W1	857.34	25700	29.97659	726.6	12.11	59.41		
		AS-S1	1710.78	61300	35.83169	1450.8	24.18	35.56		
		AS-S1D	1723.17	61400	35.63205	1446	24.10	35.48		
13	7/12/2010	AS-E1	1158.83	19300	16.65469	1050	17.50	22.84		
		AS-N1	1085.28	18800	17.3227	983.4	16.39	25.37		
		AS-W1	1040.33	20500	19.70523	945.6	15.76	30.01		
		AS-S1	1595.45	26600	16.67246	1435.8	23.93	16.72		
		AS-S1D	1609.94	27400	17.01929	1435.8	23.93	17.07		
14	7/19/2010	AS-E1	864.06	9600	11.11037	753	12.55	21.25		
		AS-N1	781.41	12100	15.48482	678	11.30	32.89		
		AS-W1	976.47	37400	38.30142	849.6	14.16	64.92		
		AS-S1	1674.20	26000	15.52984	1461.6	24.36	15.30		
		AS-S1D	1690.43	27200	16.09055	1460.4	24.34	15.87		



T			Flow Volume	PM10	PM10	Actual	Actual	PM10	Wind	
		Sample	Standard Air	ug/filter	ug/m3	Sample Time	Sample Time	Prorated to	Direction	Notes
No	Date	location	(m3)			(mins)	(hrs)	24-Hour (ug/m3)	Origin	
15	7/26/2010	AS-E1	1390.53	18100	13.01658	1197	19.95	15.66		
		AS-N1	1450.70	28800	19.85242	1247.4	20.79	22.92		
		AS-W1	1434.22	23400	16.31554	1237.2	20.62	18.99		
		AS-S1	1675.73	28800	17.18652	1454.4	24.24	17.02		
		AS-S1D	1696.49	30000	17.6836	1453.2	24.22	17.52		
16	8/5/2010	AS-E1	610.13	23200	38.02447	533.4	8.89	102.65		
		AS-N1	768.08	23200	30.20507	666	11.10	65.31		
		AS-W1	725.27	29900	41.22616	630	10.50	94.23		
	9	AS-S1	1634.64	67000	40.98771	1428.6	23.81	41.31		
		AS-S1D	1659.79	67000	40.36667	1430.4	23.84	40.64		
17	8/12/2010	AS-E1	1453.64	34300	23.59594	1272.6	21.21	26.70		
		AS-N1	1423.53	28500	20.0206	1240.8	20.68	23.23		
		AS-W1	1418.18	33000	23.26933	1237.2	20.62	27.08		
		AS-S1	1667.79	31900	19.1271	1462.8	24.38	18.83		
		AS-S1D	1679.26	32200	19.17516	1452.6	24.21	19.01		
18	8/19/2010	AS-E1	946.05	32100	33.93046	822.6	13.71	59.40		
		AS-N1	1286.30	32100	24.9553	1114.2	18.57	32.25		
		AS-W1	1347.10	60500	44.91128	1171.8	19.53	55.19		
		AS-S1	1677.50	76300	45.48423	1467.6	24.46	44.63		
		AS-S1D	1706.25	77600	45.47996	1468.2	24.47	44.61	Filter wa	s damaged
19	8/26/2010	AS-E1	1319.21	24000	18.19267	1126.2	18.77	23.26		
		AS-N1	1459.67	31400	21.51171	1241.4	20.69	24.95		
		AS-W1	785.04	14700	18.72517	668.4	11.14	40.34	Filter wa	s damaged
		AS-S1	1673.60	53800	32.14619	1440.6	24.01	32.13		
		AS-S1D	1703.19	53600	31.47034	1440.6	24.01	31.46		
V		2010 - No S	amples Collected	d, due to rai	n all week					
20	9/8/2010	AS-E1	1482.17	21600	14.57326	1250.4	20.84	16.78		
	1	AS-N1	1523.42	14700	9.649342	1280.4	21.34	10.85	Filter	was torn
		AS-W1	1467.68	22900	15.60283	1237.2	20.62	18.16		
	1	AS-S1	1659.11	23600	14.22452	1406.4	23.44	14.56		
		AS-S1D	1680.47	23800	14.16274	1404.6	23.41	14.52		



			Flow Volume	PM10	PM10	Actual	Actual	PM10	Wind	
		Sample	Standard Air	ug/filter	ug/m3	Sample Time	Sample Time	Prorated to	Direction	Notes
No	Date	location	(m3)			(mins)	(hrs)	24-Hour (ug/m3)	Origin	
21	9/17/2010	AS-E1	827.68	15100	18.24383	702.6	11.71	37.39		
		AS-N1	933.37	13100	14.03516	788.4	13.14	25.63		
		AS-W1	996.15	28200	28.30886	837	13.95	48.70		
		AS-S1	1826.41	34000	18.61573	1558.2	25.97	17.20		
	15.	AS-S1D	1819.37	34400	18.90761	1530.6	25.51	17.79		
22	9/29/2010	AS-E1	1269.63	41700	32.84431	1094.4	18.24	43.22		
		AS-N1	1351.68	41300	30.55454	1162.8	19.38	37.84		
		AS-W1	1387.16	56300	40.58664	1182.6	19.71	49.42		
		AS-S1	1668.97	68200	40.86346	1443.6	24.06	40.76		
		AS-S1D	1695.16	67000	39.52423	1444.8	24.08	39.39		
23	10/6/2010	AS-E1	1527.71	64100	41.95818	1301.4	21.69	46.43		
		AS-N1	1465.92	44400	30.28818	1247.4	20.79	34.96		
		AS-W1	1669.22	54500	32.6499	1407.6	23.46	33.40		
		AS-S1	1652.77	76800	46.46751	1419	23.65	47.16	1	
		AS-S1D	1729.91	81200	46.93876	1460.4	24.34	46.28		
24	10/12/2010	AS-E1	1378.90	27300	19.79846	1173.6	19.56	24.29		
		AS-N1	1315.07	24300	18.47803	1117.2	18.62	23.82		
		AS-W1	1444.76	52500	36.33831	1217.4	20.29	42.98		
		AS-S1	1596.87	35200	22.04313	1369.2	22.82	23.18		
		AS-S1D	1602.43	32900	20.53138	1353.6	22.56	21.84		
25	10/20/2010	AS-E1	1382.45	120000	86.80219	1177.2	19.62	106.18		
		AS-N1	1393.91	36600	26.25704	1188	19.80	31.83		
		AS-W1	1450.10	68600	47.30713	1226.4	20.44	55.55		
		AS-S1	1659.19	74600	44.9616	1419.6	23.66	45.61		
		AS-S1D	1682.38	75300	44.75805	1421.4	23.69	45.34		
26	10/28/2010	AS-E1	1442.28	8900	6.170767	1189.2	19.82	7.47		
		AS-N1	1564.32	8500	5.433687	1284.6	21.41	6.09		
		AS-W1	1613.84	16500	10.22405	1320	22.00	11.15		
		AS-S1	1725.60	22700	13.15487	1427.4	23.79	13.27		
		AS-S1D	1803.62	23200	12.863	1474.2	24.57	12.56		
27	11/2/2010	AS-E1	1348.89	23200	17.19931	1103.4	18.39	22.45		
		AS-N1	1377.72	17100	12.41182	1124.4	18.74	15.90		
		AS-W1	1284.49	24900	19.38507	1044	17.40	26.74		
		AS-S1	1721.84	31600	18.35242	1418.4	23.64	18.63		
		AS-S1D	1806.19	34600	19.15634	1468.2	24.47	18.79		

PM10 MONITORING ANALYTICAL RESULTS

			Flow Volume	PM10	PM10	Actual	Actual	PM10	Wind	
		Sample	Standard Air	ug/filter	ug/m3	Sample Time	Sample Time	Prorated to	Direction	Notes
No	Date	location	(m3)			(mins)	(hrs)	24-Hour (ug/m3)	Origin	
28	11/8/2010	AS-E1	1534.65	57800	37.66325	1294.8	21.58	41.89		
		AS-N1	1518.36	54200	35.69641	1281.6	21.36	40.11		
		AS-W1	39.27	5400	137.5195	32.4	0.54	6111.98	Diesel generator di	d not run.
		AS-S1	1715.57	72600	42.31831	1455	24.25	41.88		
		AS-S1D	1735.37	74100	42.69984	1455	24.25	42.26		
29	11/18/2010	AS-E1	1591.60	59800	37.57227	1290	21.50	41.94		
		AS-N1	1678.20	24400	14.53941	1362	22.70	15.37		
		AS-W1	1272.55	180000	141.4484	1028.4	17.14	198.06		
		AS-S1	1792.46	48700	27.16939	1461.6	24.36	26.77		
		AS-S1D	1814.11	50700	27.94761	1462.2	24.37	27.52		
30	2/9/2011	AS-E1	1771.77	21200	11.96542	1375.2	22.92	12.53		
		AS-N1	1586.07	22900	14.43824	1237.2	20.62	16.80		
		AS-W1	1315.07	78000	59.31223	1026	17.10	83.25		
		AS-S1	1712.27	30300	17.69581	1341.6	22.36	18.99		
		AS-S1D	1744.93	32400	18.56809	1339.2	22.32	19.97		
31	3/1/2011	AS-E1	1576.52	23900	15.15999	1279.2	21.32	17.07		
		AS-N1	1436.22	33200	23.11626	1172.4	19.54	28.39		
		AS-W1	1331.81	48400	36.34147	1090.2	18.17	48.00		
		AS-S1	1790.71	39700	22.16998	1464	24.40	21.81		
		AS-S1D	1833.83	40500	22.08492	1464.6	24.41	21.71		
32	3/10/2011	AS-E1	1522.03	16400	10.77506	1237.2	20.62	12.54		
		AS-N1	1471.83	15500	10.53109	1203	20.05	12.61		
		AS-W1	1261.05	18000	14.27378	1025.4	17.09	20.05		
		AS-S1	1718.52	17300	10.06681	1396.8	23.28	10.38		
		AS-S1D	1730.00	16900	9.768793	1396.2	23.27	10.08		
33	3/16/2011	AS-E1	1402.28	29400	20.96586	1163.4	19.39	25.95		
		AS-N1	1703.06	17500	10.27559	1417.2	23.62	10.44		
		AS-W1	1218.44	59400	48.75106	1010.4	16.84	69.48		
		AS-S1	1764.31	53200	30.15342	1462.8	24.38	29.68		
		AS-S1D	1780.75	57400	32.23354	1461	24.35	31.77		
34	3/24/2011	AS-E1	1543.87	15400	9.974916	1241.4	20.69	11.57		
		AS-N1	1637.21	13700	8.367872	1320	22.00	9.13		
		AS-W1	1262.44	16800	13.30761	1015.8	16.93	18.86		
		AS-S1	1748.95	16200	9.262684	1413.6	23.56	9.44		
		AS-S1D	1785.61	7600	4.256249	1410.6	23.51	4.34		



	T		Flow Volume	PM10	PM10	Actual	Actual	PM10	Wind	1
		Sample	Standard Air	ug/filter	ug/m3	Sample Time	Sample Time	Prorated to	Direction	Notes
No	Date	location	(m3)			(mins)	(hrs)	24-Hour (ug/m3)	Origin	
35	3/30/2011	AS-E1	1665.90	16100	9.66444	1350.6	22.51	10.30		
		AS-N1	1573.42	10900	6.927579	1284	21.40	7.77		
		AS-W1	1475.99	200000	135.5023	1203	20.05	162.20		
		AS-S1	1795.13	24900	13.87085	1461.6	24.36	13.67		
		AS-S1D	1815.71	25100	13.82382	1461.6	24.36	13.62		
36	4/13/2011	AS-E1	1533.66	87600	57.11823	1261.2	21.02	65.22		
		AS-N1	1405.78	32600	23.19003	1170.6	19.51	28.53		
		AS-W1	1406.12	120000	85.34102	1168.2	19.47	105.20		
		AS-S1	1733.92	30400	17.53256	1438.8	23.98	17.55		
		AS-S1D	1756.43	33400	19.01586	1438.8	23.98	19.03		
37	5/2/2011	AS-E1	1740.68	6200	3.561827	1417.2	23.62	3.62		
	1	AS-N1	51.90	2200	42.39016	43.2	0.72	1413.01	Generator died	
		AS-W1	1477.68	26900	18.2042	1216.8	20.28	21.54		
		AS-S1	1753.70	39400	22.46679	1444.2	24.07	22.40		
		AS-S1D	1768.38	41500	23.46782	1444.8	24.08	23.39		
38	6/1/2011	AS-E1	876.08	23200	26.48151	738	12.30	51.67		
		AS-N1								
		AS-W1								
		AS-S1	1765.66	38300	21.69166	1474.2	24.57	21.19		
		AS-S1D	1758.60	65600	37.3024	1473.6	24.56	36.45		
39	6/7/2011	AS-E1	1344.47	61800	45.96607	1171.2	19.52	56.52		
		AS-N1	1193.30	52100	43.66034	1042.8	17.38	60.29		
		AS-W1	1400.88	72500	51.75306	1227.6	20.46	60.71		
		AS-S1	701.63	72900	103.9003	607.8	10.13	246.16		
		AS-S1D	699.62	90100	128.7851	606	10.10	306.02		
40	6/16/2011	AS-E1	1369.94		0	1164.6	19.41	0.00		
		AS-N1	1019.08		0	873	14.55	0.00		
		AS-W1	1319.23		0	1124.4	18.74	0.00		
		AS-S1	1730.52		0	1468.2	24.47	0.00		
		AS-S1D	1715.62		0	1444.2	24.07	0.00		

Notes:

= Exceeds NAAQS of 150 ug/m3; extreme wind conditions

= Confirm with lab

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

July 19, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021053.05,OMC, Waukegan STAT Project No: 10070421

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 7/14/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,
latea Aranon

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: July 19, 2010

Client:	Tetra Tech EM Inc.		

Project: 103DG9021053.05, OMC, Waukegan Work Order Sample Summary

Lab Order: 10070421

				
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10070421-001A	AS-E1-07-12-10		7/12/2010	7/14/2010
10070421-002A	AS-N1-07-12-10		7/12/2010	7/14/2010
10070421-003A	AS-W1-07-12-10		7/12/2010	7/14/2010
10070421-004A	AS-S1-07-12-10		7/12/2010	7/14/2010
10070421-005A	AS-S1D-07-12-10		7/12/2010	7/14/2010

Date: July 19, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021053.05, OMC, Waukegan

Lab Order:

10070421

CASE NARRATIVE

The following filters were received damaged and/or torn: AS-W1-07-12-10 (10070421-002).

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

July 19, 2010

Date Printed:

July 19, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021053.05, OMC, Waukegan

Lab Order:

10070421

Lab ID:

10070421-001

Collection Date: 7/12/2010

Client Sample ID: AS-E1-07-12-10

Matrix: Air DF

Date Analyzed

Analyses

Result

RL Qualifier Units

Particulate Matter (as PM10)

19300 100 µg/filter

Prep Date: 7/14/2010

Analyst: JP 7/16/2010

Lab ID:

Analyses

10070421-002

40 CFR PART 50 APP. J

Collection Date: 7/12/2010

Matrix: Air

Client Sample ID: AS-N1-07-12-10

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter in Air

Result

18800

RL Qualifier Units

Particulate Matter (as PM10)

Client Sample ID: AS-W1-07-12-10

Client Sample ID: AS-S1-07-12-10

Client Sample ID: AS-S1D-07-12-10

40 CFR PART 50 APP. J 100

Prep Date: 7/14/2010

Analyst: JP 7/16/2010

Lab ID:

10070421-003

Collection Date: 7/12/2010

Matrix: Air

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

Prep Date: 7/14/2010

Analyst JP

Analyses

10070421-004

20500

100

µg/filter

7/16/2010

Lab ID:

Collection Date: 7/12/2010

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

26600

40 CFR PART 50 APP. J

Matrix: Air

Particulate Matter (as PM10)

Analyses

Analyses

100

Prep Date: 7/14/2010

Analyst: JP

Lab ID:

ua/filter

7/16/2010

10070421-005

Matrix: Air

Collection Date: 7/12/2010

Result

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

27400

100

μg/filter

Prep Date: 7/14/2010

Analyst: JP 7/16/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfola STAT Analysis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO	Date and Time Received 7/14/2010 9:30:00 AM								
Work Order Number 10070421	Received by:	CDF							
Checklist completed by Signalure	Date	7/14/10	Reviewed by	. Initials	7/15/10				
Matrix.	Carrier name:	<u>FedEx</u>							
Shipping container/cooler in good condition?		Yes 🗸	No İ	Not Present					
Custody seals intact on shippping container/coo	oler?	Yes	No ·	Not Present ✓					
Custody seals intact on sample bottles?		Yes	No	Not Present					
Chain of custody present?		Yes ▼	No!						
Chain of custody signed when relinquished and	received?	Yes 🗸	Noll						
Chain of custody agrees with sample labels/cor	ntainers?	Yes 🗸	No 1						
Samples in proper container/bottle?		Yes 🗸	No						
Sample containers intact?		Yes ₹	No						
Sufficient sample volume for indicated test?		Yes 🔽	No i						
All samples received within holding time?		Yes 🗸	No 1						
Container or Temp Blank temperature in compli	iance?	Yes 🗸	No .1	Temperatur	e Ambient °C				
Water - VOA vials have zero headspace?	No VOA vials subr	nitted 🤲	Yes r	No रू					
Water - Samples pH checked?		Yes *	No - ²	Checked by:					
Water - Samples properly preserved?		Yes 1	No l 📶	pH Adjusted?					
Any No response must be detailed in the comments section below									
Comments [.]									
Client / Person contacted	Date contacted:		Соп	tacted by.					
Response									

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

July 26, 2010

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG69021053.05, OMC, Waukegan STAT Project No: 10070642

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 7/21/2010 9:00:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Gatia Aiani

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: July 26, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG69021053.05, OM 10070642	C, Waukegan	Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10070642-001A	AS-E1-07-19-10		7/19/2010	7/21/2010
10070642-002A	AS-N1-07-19-10		7/19/2010	7/21/2010
10070642-003A	AS-W1-07-19-10		7/19/2010	7/21/2010
10070642-004A 10070642-005A	AS-S1-07-19-10 AS-SID-07-19-10		7/19/2010 7/19/2010	7/21/2010 7/21/2010

Date: July 26, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG69021053.05, OMC, Waukegan

Lab Order:

10070642

CASE NARRATIVE

The following filters were received damaged and/or torn:

AS-E1-07-19-10 (10070642-001)

AS-W1-07-19-10 (10070642-003)

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: July 26, 2010

Date Printed: July 26, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG69021053.05, OMC, Waukegan

Lab Order: 10070642

Lab ID:

10070642-001

Collection Date: 7/19/2010

Matrix: Filter

Analyses

Client Sample ID: AS-E1-07-19-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

Result

Result

Prep Date: 7/21/2010

Matrix: Filter

DF

Analyst: JP

10070642-002

9600 100 μg/filter

7/22/2010

Lab ID:

Analyses

Client Sample ID: AS-N1-07-19-10

Collection Date: 7/19/2010

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

12100

40 CFR PART 50 APP. J 100

Prep Date: 7/21/2010

Analyst: JP 7/22/2010

10070642-003

Client Sample ID: AS-W1-07-19-10

Collection Date: 7/19/2010

Matrix: Filter

Analyses

Lab ID:

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

37400

40 CFR PART 50 APP. J

100

Prep Date 7/21/2010

Analyst: JP

10070642-004

µg/filter

7/22/2010

Lab ID:

Analyses

Client Sample ID: AS-S1-07-19-10

Matrix: Filter

Collection Date: 7/19/2010

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 26000 100

Prep Date: 7/21/2010

Analyst: JP

ua/filter

7/22/2010

10070642-005

Collection Date: 7/19/2010

Lab ID:

Analyses

Client Sample ID: AS-SID-07-19-10

Matrix: Filter

DF

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

27200

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 7/21/2010

Analyst: JP 7/22/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits E - Value above quantitation range

H - Holding time exceeded

* - Non-accredited parameter

Page 4 of 6

STr. Analysis Corporation
22-22 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-rnail address: STATinfo(aSTATAnalysis.com

AIHA, NVLAP and NELAP accredited

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Project Number: 103 D6 90 2	1053	.05	Client	t Trac	king	No.										7/	\mathcal{T}	7	//	77	\mathcal{T}	77	$\overline{}$
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Project Location. Waskegan Sampler(s): Cont Wiss	<u>~</u>												//		//	//	//	//	//				l
Report To: Tom Hahro		Phone:						1			,	//	//		//	//	//	//	//	//	/	Turn Arou	nd
Carol Arsse		Fax:								,	A	//	//		//	//	//	//	//				ŀ
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Received by (Signature)	Date/	Date/Time						Preservation Code: A = None B = HNO ₃ C = NaOH D = H ₂ SO ₄ E = HCl F = 5035/EnCore G = Other									na T	z^{ij}					

Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tim	e Received:	7/21/2010 9:00.00 AM
Work Order Number 10070642			Received by:	CIG	-1 .1
Checklist completed by. & Francisco	Date	7/21/10	Reviewed by:	Initials	7 2 (0 Date
Matrix:	Carrier name	<u>FedEx</u>			
Shipping container/cooler in good condition?		Yes 💙	No i	Not Present	
Custody seals intact on shippping container/cool	er?	Yes	No	Not Present	
Custody seals intact on sample bottles?		Yes ! !	No	Not Present	
Chain of custody present?		Yes ₩	No		
Chain of custody signed when relinquished and	received?	Yes 🗸	No i		
Chain of custody agrees with sample labels/conf	ainers?	Yes ♥	No !		
Samples in proper container/bottle?		Yes ✔	No :		
Sample containers intact?		Yes ✔	No !		
Sufficient sample volume for indicated test?		Yes 🗸	No!		
All samples received within holding time?		Yes ❤	No		
Container or Temp Blank temperature in complia	ance?	Yes 🗸	No .	Temperature	Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subm	ntted "":	Yes *	No 🕶	
Water - Samples pH checked?		Yes 🤼	No [a]	Checked by.	
Water - Samples properly preserved?		Yes 🛋	No 1-1	pH Adjusted?	
Any No response must be detailed in the commo	ents section below.				
Comments					
Client / Person contacted	Date contacted		Conta	acted by.	
Response			•		

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 02, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021.053.05, OMC, Waukegan STAT Project No: 10070885

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 7/28/2010 1:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,
Intica Aranour

Catia Giannini Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: August 02, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021.053.05, OM0 10070885	C, Waukegan	Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10070885-001A	AS-E1-07-26-10		7/26/2010	7/28/2010
10070885-002A	AS-N1-07-26-10		7/26/2010	7/28/2010
10070885-003A	AS-W1-07-26-10		7/26/2010	7/28/2010
10070885-004A	AS-S1-07-26-10		7/26/2010	7/28/2010
10070885-005A	AS-S1D-07-26-10		7/26/2010	7/28/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

August 02, 2010

Date Printed:

August 02, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC, Waukegan

Lab Order: 10070885

Lab ID:

10070885-001

Collection Date: 7/26/2010

Client Sample ID

AS-E1-07-26-10

Matrix: Air

DF

Date Analyzed

Analyses

Result

18100

RL Qualifier Units

Particulate Matter (as PM10)

Client Sample ID

40 CFR PART 50 APP. J 100

Prep Date: 7/28/2010

Analyst JP 7/30/2010

Lab ID:

10070885-002

µg/filter

Analyses

AS-N1-07-26-10

Matrix: Air

Collection Date: 7/26/2010

Particulate Matter in Air

Particulate Matter in Air

Result

RL Qualifier Units

Prep Date: 7/28/2010

Particulate Matter (as PM10)

28800

40 CFR PART 50 APP. J 100

μg/filter

Analyst JP 7/30/2010

Date Analyzed

Lab ID:

10070885-003

Collection Date: 7/26/2010

Matrix: Air

DF

DF

Client Sample ID Analyses

AS-W1-07-26-10

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

23400

Result

40 CFR PART 50 APP. J

100

Prep Date: 7/28/2010

Analyst: JP

10070885-004

µg/filter

7/30/2010

Lab ID:

Collection Date: 7/26/2010

Client Sample ID

Analyses

AS-S1-07-26-10

Matrix: Air

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 28800

Result

RL Qualifier Units

DF

Date Analyzed

100

μg/filter

Prep Date: 7/28/2010

Analyst: JP

10070885-005

7/30/2010

Lab ID:

Analyses

AS-S1D-07-26-10

Collection Date: 7/26/2010

Matrix: Air DF

Client Sample ID

Result

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

30000

40 CFR PART 50 APP, J 100

Prep Date: 7/28/2010 μg/filter

Analyst: JP 7/30/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

* - Non-accredited parameter

Page 3 of 5

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: ST-4Tinfo(aST.1T-Inalysis.com AIHA, VVLAP and NELAP accredited

					CH	AIN	OF CU	STO	DY	REC	ORD)			\ <u>`:</u>	<u> </u>	<u>3</u>	<u> </u>	70	Page	of	
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Project Number: 103) (-967)	1.053	آدَ ن.	Chent	Trac	king	No.										7)	7/	//		///	///	//
Project Name (JUC								Quo	te N	0.:					//	//	//	//		///		
Project Location Working an	رر							<u> </u>					/	/	//	//	//	//	///	///		
Sampler(s): Circlinia												_/	/		/	//	//	//	///	///		
Report To: Tom Halis		Phone						1				//	/	//		//	//	//	///	///	Turn .	Around
Chrol NEW		Fax:						1		_	//	//	/	/		//	//	//	//,	///		
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Cheff Sample Number/Description	Date Laken	Faken	ΣΣ	Сошр	ট	Preserv	Contamers	1	/	//	//	//	/		/	//	//	//		Remarks	Lal	b No.:
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Sample Receipt Checklist

Client Name TETRA CHICAGO				Date	and Tin	ne Re	ceived [.]			7/28/2010
Work Order Number 10070885				Rece	eived by:	:	CDF			
Checklist completed by Signature	Date	7	rofic	Revi	ewed by		oals Ob		1/28/	(O ate
Matrix:	Carrier name:	FedE	X							
Shipping container/cooler in good condition?		Yes	✓	No	İ	Not I	Present	1		
Custody seals intact on shippping container/coo	ler?	Yes	1	No	1	Not I	Present	\		
Custody seals intact on sample bottles?		Yes	1	No	1	Not I	Present	'~		
Chain of custody present?		Yes	✓	No	į					
Chain of custody signed when relinquished and	received?	Yes	√ l	No	i					
Chain of custody agrees with sample labels/con	talners?	Yes	√ !	No	1					
Samples in proper container/bottle?		Yes	√ !	No	ŀ					
Sample containers intact?		Yes	₹	No	7					
Sufficient sample volume for indicated test?		Yes	√	No !	1					
All samples received within holding time?		Yes	✓	No !	1					
Container or Temp Blank temperature in complia	ance?	Yes	√]	No	1		Tempe	rature	Ambient ^c	c
Water - VOA vials have zero headspace?	No VOA vials subm	itted	떠	١	es 🔝		No 🎼			
Water - Samples pH checked?		Yes	2	No [[]	Che	ecked by	:		
Water - Samples properly preserved?		Yes		No Í	-!	рН А	\djusted'	?		
Any No response must be detailed in the commo	ents section below									
Comments										
Client / Person contacted	Date contacted:				Cont	acted	by.			
Response:								• • •		

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

August 12, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021053-05, OMC, Waukegan, IL STAT Project No: 10080258

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 8/9/2010 1:55:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, latia Siannin

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: August 12, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021053-05, OMO 10080258	C, Waukegan, IL	Work Ord	rder Sample Summary				
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received				
10080258-001A	AS-E1-08-05-10		8/5/2010	8/9/2010				
10080258-002A	AS-N1-08-05-10		8/5/2010	8/9/2010				
10080258-003A	AS-W1-08-05-10		8/5/2010	8/9/2010				
10080258-004A	AS-S1-08-05-10		8/5/2010	8/9/2010				
10080258-005A	AS-SID-08-05-10		8/5/2010	8/9/2010				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

August 12, 2010

Date Printed:

August 12, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021053-05, OMC, Waukegan, IL

Lab Order:

10080258

Lab ID:

10080258-001

Collection Date: 8/5/2010

Client Sample ID: AS-E1-08-05-10

Matrix: Filter DF

Date Analyzed

Analyses

Result

RL Qualifier Units

Particulate Matter in Air Particulate Matter (as PM10)

Client Sample ID: AS-N1-08-05-10

23200

40 CFR PART 50 APP. J 100

Prep Date: 8/6/2010 µg/filter

Analyst: JP 8/10/2010

Lab ID:

10080258-002

Collection Date: 8/5/2010

Matrix: Filter

DF

Analyses

Result

23200

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 100

Prep Date: 8/6/2010 µg/filter

Analyst: JP 8/10/2010

Collection Date: 8/5/2010

Lab ID: Client Sample ID: AS-W1-08-05-10

10080258-003

RL Qualifier Units

Matrix: Filter

Date Analyzed

Analyses

Particulate Matter in Air Particulate Matter (as PM10)

29900

Result

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 8/6/2010

Analyst: JP

DF

8/10/2010

Lab ID:

10080258-004

Collection Date: 8/5/2010

Analyses

Client Sample ID: AS-S1-08-05-10

RL Qualifier Units

Matrix: Filter

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

67000

40 CFR PART 50 APP. J 100

Analyst: JP

Prep Date: 8/6/2010

8/10/2010

Lab ID:

10080258-005

Collection Date: 8/5/2010

Analyses

Result

RL Qualifier Units

Matrix: Filter DF

Date Analyzed

8/10/2010

Particulate Matter in Air

Particulate Matter (as PM10)

Client Sample ID: AS-SID-08-05-10

67900

40 CFR PART 50 APP. J

100

µg/filter

Prep Date: 8/6/2010

Analyst: JP

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

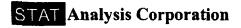
E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
22 42 W. Harrison, Suite 200, Chicago. Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo(a STATAnalysis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO Work Order Number 10080258			Date and Time	CIG	8/9/2010 1:55:00 PM
Checklist completed by C. Signature	Date	8/9/10	Reviewed by:	Initials CC	8/10/10
Matrix	Carrier name	<u>FedEx</u>			
Shipping container/cooler in good condition?		Yes 🗸	No:	Not Present	
Custody seals intact on shippping container/cool	er?	Yes	No t	Not Present	
Custody seals intact on sample bottles?		Yes	No [:]	Not Present	
Chain of custody present?		Yes 🗸	No L.		
Chain of custody signed when relinquished and i	received?	Yes 🗸	No [
Chain of custody agrees with sample labels/cont	ainers?	Yes 🛂	No 📑		
Samples in proper container/bottle?		Yes 🗸	No !		
Sample containers intact?		Yes 😾	No [
Sufficient sample volume for indicated test?		Yes V	No İ		
All samples received within holding time?		Yes ∀	No		
Container or Temp Blank temperature in complia	ance?	Yes 🔽	No i	Temperature	Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subm	nitted 1	Yes 👬	No 🚟	
Water - Samples pH checked?		Yes F	No l∺	Checked by:	
Water - Samples properly preserved?		Yes 🖽	No le	pH Adjusted?	
Any No response must be detailed in the comme	ents section below.				
•	•	-			
Comments:	-				
			-		
				·	
Client / Person contacted:	Date contacted:	-	Conta	acted by:	
Response:					

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 19, 2010

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor

Chicago, IL 60606

Fax:

Telephone: (312) 946-6474 (312) 938-0118

RE: 103DG9021053.05, OMC, Waukegan

STAT Project No: 10080508

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 8/17/2010 9:15:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weigh; basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Catia Aram Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone This report shall not be reproduced, except in its en irety, unless written approval has been obtained from the laboratory



Date: August 19, 2010

Client: Project: Lab Order:	ect: 103DG9021053.05, OMC, Wauk		Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10080508-001A	AS-E1-08-12-10		8/12/2010	8/17/2010
10080508-002A	AS-N1-08-12-10		8/12/2010	8/17/2010
10080508-003A	AS-W1-08-12-10		8/12/2010	8/17/2010
10080508-004A	AS-S1-08-12-10		8/12/2010	8/17/2010
10080508-005A	AS-SID-08-12-10		8/12/2010	8/17/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

August 19, 2010

Date Printed:

Lab Order:

Collection Date: 8/12/2010

August 19, 2010

10080508

Client:

Tetra Tech EM Inc.

Project:

Lab ID:

Analyses

103DG9021053.05, OMC, Waukegan

10080508-001

Client Sample ID: AS-E1-08-12-10

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

100

Prep Date: 8/18/2010 µg/filter

Matrix: Filter

Analyst: JP

Lab ID:

Analyses

10080508-002

34300

Collection Date: 8/12/2010 Matrix: Filter

8/18/2010

Client Sample ID: AS-N1-08-12-10

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10) 28500

40 CFR PART 50 APP. J 100

Collection Date: 8/12/2010

Prep Date: 8/18/2010

Analyst: JP 8/18/2010

Lab ID:

Analyses

10080508-003

Client Sample ID: AS-W1-08-12-10

Matrix: Filter

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

33000

Result

40 CFR PART 50 APP. J 100

Prep Date: 8/18/2010

Collection Date: 8/12/2010

Analyst: JP

10080508-004

µg/filter

DF

8/18/2010

Lab ID:

Analyses

RL Qualifier Units

Matrix: Filter

Particulate Matter in Air

Client Sample ID: AS-S1-08-12-10

Result

40 CFR PART 50 APP. J

RL Qualifier Units

DF

Date Analyzed

Particulate Matter (as PM10)

31900

Result

100

Prep Date: 8/18/2010

Analyst: JP

µg/filter

8/18/2010

Lab ID:

10080508-005

Collection Date: 8/12/2010 Matrix: Filter

Analyses

Client Sample ID: AS-SID-08-12-10

RL Qualifier Units

Date Analyzed

Prep Date: 8/18/2010

Analyst: JP

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 32200

100

μg/filter

8/18/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

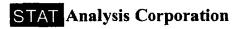
E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo(a)ST4 T4nalysis.com AIHA, NVLAP and NELAP accredited

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Client Sample Number/Description:	Date Taken	Taken	Matrix	Comp	Grab	Preserv	Container	s /	//	//	//	//	//	//	/	/	/	/		//	/			am/pm
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Sample Receipt Checklist

Client Name TETRA CHICAGO Work Order Number 10080508			Date and Time	e Received: CIG	8/17/2010 9.15.00 AM
Checklist completed by Signature	Date	8/17/10	Reviewed by:		8/18/10 Date
Matrix:	Carrier name	<u>FedEx</u>			
Shipping container/cooler in good condition?		Yes 🗸	No ·	Not Present	
Custody seals intact on shippping container/cool	er?	Yes	No	Not Present 🗸	
Custody seals intact on sample bottles?		Yes	No !	Not Present	
Chain of custody present?		Yes 🗸	No · F		
Chain of custody signed when relinquished and r	received?	Yes ✔	No		
Chain of custody agrees with sample labels/cont	ainers?	Yes ✔	No		
Samples in proper container/bottle?		Yes :✔	No		
Sample containers intact?		Yes 🗸	No		
Sufficient sample volume for indicated test?		Yes 🗸	No i		
All samples received within holding time?		Yes 🗸	No:		
Container or Temp Blank temperature in complia	ance?	Yes ✔	No I	Temperature	Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subm	itted '\-	Yes L	No K. I	
Water - Samples pH checked?		Yes 🚍	No 🤄	Checked by:	
Water - Samples properly preserved?		Yes !**	No ≇	pH Adjusted?	
Any No response must be detailed in the comme	ents section below				
Comments					
			-		
Client / Person contacted	Date contacted:		Conta	acted by.	
Response	- <i>-</i>				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NYLAP LabCode 101202-0

August 30, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021.053.05, OMC, Waukegan, IL STAT Project No: 10080730

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 8/23/2010 9:20:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Katelin Lewis

Project Mananger

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: August 30, 2010

Client: Tetra Tech EM Inc.

Project: 103DG9021.053.05, OMC, Waukegan, IL

Work Order Sample Summary

Lab Order: 10080730

Lab Sample ID Client Sample ID	Tag Number	Collection Date	Date Received
10080730-001AAS-E1		8/19/2010	8/23/2010
10080730-002A AS-N1		8/19/2010	8/23/2010
10080730-003A AS-W1		8/19/2010	8/23/2010
10080730-004A AS-S1		8/19/2010	8/23/2010
10080730-005A AS-SID		8/19/2010	8/23/2010

Date: August 30, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC, Waukegan, IL

Lab Order:

10080730

CASE NARRATIVE

The following filters were received damaged and/or torn: AS-SID (10080730-005)

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 30, 2010 Date Printed: August 30, 2010

Client:	Tetra Tech EM Inc.						
Project:	103DG9021.053.05,	OMC, Waukegan	, IL		Lab Ord	ler: 10080730	
Lab ID:	10080730-001			Coll	ection D	ate 8/19/2010	
Client Sample l	D:AS-E1				Mat	rix: Air	
Analyses		Result	RL	Qualifier	Units	DF	Date Analyzed
Particulate Matter	• • • • • • • • • • • • • • • • • • • •	40 CFF 32100	100	0 APP. J	Prep μg/filter	Date: 8/23/2010	Analyst JP 8/25/2010
Lab ID:	10080730-002			Coll	ection D	ate 8/19/2010	
Client Sample l	D:AS-N1				Mat	rix: Air	
Analyses		Result	RL	Qualifier	Units	DF	Date Analyzed
Particulate Matte		40 CFF 32100	100	60 APP. J	Prep µg/filter	Date: 8/23/2010	O Analyst: JP 8/25/2010
Lab ID:	10080730-003	-		Coll	ection D	ate 8/19/2010	
Client Sample l	ID:AS-W1				Mat	rix: Air	
Analyses		Result	RL	Qualifier	Units	DF	Date Analyzed
Particulate Matte	er in Air	40 CFR	PART 5	0 APP. J	Prep	Date: 8/23/2010	O Analyst: JP
Particulate Matter	r (as PM10)	60500	100		µg/filter	1	8/25/2010
Lab ID:	10080730-004			Coll	ection D	ate 8/19/2010	
Client Sample l	ID:AS-S1				Mat	rix: Air	
Analyses		Result	RL	Qualifier	Units	DF	Date Analyzed
Particulate Matte		40 CFF 76300	R PART 5	60 APP. J	Prep µg/filter	Date: 8/23/2010 1	0 Analyst: JP 8/25/2010
Lab ID:	10080730-005			Coll	lection D	ate 8/19/2010	
Client Sample	ID:AS-SID				Mat	rix: Air	
Analyses		Result	RL	Qualifier	Units	DF	Date Analyzed

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

Qualifiers:

Particulate Matter In Air

Particulate Matter (as PM10)

RL - Reporting / Quantitation Limit for the analysis

Prep Date: 8/23/2010

Analyst: JP 8/25/2010

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

μg/filter

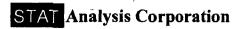
40 CFR PART 50 APP. J

100

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Analysis Corporation
2242 W. Harrison, Suite 200, Chicogo, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: ST4Tutfo(aSTATAnalysis.com AIHA, NVLAP and NELAP accredited

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Project Number. 1037 (-9621 953-05 Client Tracking	ng No.]						77	//	//	///	
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Sample Receipt Checklist

Client Name TETRA CHICAGO				Date and Tin	ne Rec	eived:	8/23/2010 9:20.00 AM
Work Order Number 10080730				Received by		CIG	
Checklist completed by: Signature	Date		8/23/0	Reviewed by	: Initia	OG als	8/24/10 Date
Matrix:	Carner name	Fed	<u>Ex</u>				
Shipping container/cooler in good condition?		Yes	¥	No '	Not F	Present '	
Custody seals intact on shippping container/cool	er?	Yes		No	Not F	Present 🗸:	
Custody seals intact on sample bottles?		Yes		No	Not F	Present 🗸	
Chain of custody present?		Yes	✓	No			
Chain of custody signed when relinquished and i	eceived?	Yes	✓	No			
Chain of custody agrees with sample labels/cont	ainers?	Yes	✓	No			
Samples in proper container/bottle?		Yes	r √ l	No. I			
Sample containers intact?		Yes	₩.	No ¹			
Sufficient sample volume for indicated test?		Yes	✓	No			
All samples received within holding time?		Yes	✓	No i			
Container or Temp Blank temperature in complia	ince?	Yes	, ~	Noil		Temperature	Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subm	utted	Y.	Yes 🔭		No ⁱ ≁	
Water - Samples pH checked?		Yes	toge 1 -	No 🍱	Che	cked by:	
Water - Samples properly preserved?		Yes	15t	No "	рΗ А	djusted?	
Any No response must be detailed in the comme	ents section below						
Comments							
Client / Person contacted:	Date contacted:			Con	tacted	by:	
Response:							

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-0

September 03, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021.053.08, OMC, Waukegan STAT Project No: 10080962

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 8/30/2010 10:00:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.



Date: September 03, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021.053.08, OM 10080962	C, Waukegan	Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10080962-001A	AS-N1 08-26-10		8/26/2010	8/30/2010
10080962-002A	AS-E1 08-26-10		8/26/2010	8/30/2010
10080962-003A	AS-W1 08-26-10		8/26/2010	8/30/2010
10080962-004A	AS-S1 08-26-10		8/26/2010	8/30/2010
10080962-005A	AS-S1D 08-26-10		8/26/2010	8/30/2010

Date: September 03, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021.053.08, OMC, Waukegan

Lab Order:

10080962

CASE NARRATIVE

The following filters were received damaged and/or torn: AS-W1 08-26-10 (10080962-003).

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

September 03, 2010

Date Printed:

September 03, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021.053.08, OMC, Waukegan

Lab Order:

Lab ID:

10080962

Client Sample ID: AS-N1 08-26-10

10080962-001

Collection Date: 8/26/2010

Matrix: Air

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 24000

Prep Date: 8/30/2010

Analyst: JP

Lab ID:

10080962-002

100

µg/filter

9/1/2010

Analyses

Collection Date: 8/26/2010

Client Sample ID: AS-E1 08-26-10

Result

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Prep Date: 8/30/2010

Analyst: JP

Particulate Matter (as PM10)

31400

100

µg/filter

9/1/2010

Lab ID:

10080962-003

Collection Date: 8/26/2010

Analyses

Client Sample ID: AS-W1 08-26-10

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

14700

Result

40 CFR PART 50 APP. J 100

μg/filter

Prep Date: 8/30/2010

Analyst: JP

9/1/2010

Lab ID:

Analyses

10080962-004

Collection Date: 8/26/2010 Matrix: Air

Client Sample ID: AS-S1 08-26-10

Result

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

53800

DF

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

100

Prep Date: 8/30/2010

Analyst: JP 9/1/2010

Lab ID:

Analyses

10080962-005

Collection Date: 8/26/2010

Client Sample ID: AS-S1D 08-26-10

RL Qualifier Units

µg/filter

Matrix: Air DF

Particulate Matter in Air

Particulate Matter (as PM10)

Result

53600

40 CFR PART 50 APP. J

100

Prep Date: 8/30/2010 Analyst: JP

Date Analyzed

9/1/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phonez (312) 733-0551 Fax: (312) 733-2386 e-mail address: ST4Tinfo@ST4T4nalysis.com AIHA, VVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tim	a Received:	8/30/2010 10:00:00 AM
Work Order Number 10080962		Received by	CDF	(1
Checklist completed by Signature Date	E/30/10	Reviewed by	Initials Ob	8/3/10
Matrix. Carrier name	<u>FedEx</u>			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗀	Not Piesant 🗹	
Custody seals intact on sample bottles?	Yes 🗌	No 🏻	Not Present 🗷	
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗀		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers intact?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?	Yes 🗹	No 🔲 .		
All samples received within holding time?	Yes 🗹	No 🗌		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temperatur	e Ambient °C
Water - VOA vials have zero headspace? No VOA vials subn	nitted 🗀	Yes 🗌	No 🗌	
Water - Samples pH checked?	Yes 🗌	No 🗌	Chackethby	
Water - Samples properly preserved?	Yes 🖸	No 🗔	学の認識を対す	
Any No response must be detailed in the comments section below				
				
Comments			·	
Client / Person Date contacted		Conta	acted by	·
Response) Number	

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

STAT Project No: 10090254

September 13, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021-053-08, OMC, Waukegan

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 9/10/2010 10:00:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Gatia Aran-

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory

Date: September 13, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021-053-08, OM 10090254	C, Waukegan	Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10090254-001A	AS-E1 09/08/10		9/8/2010	9/10/2010
10090254-002A	AS-N1 09/08/10		9/8/2010	9/10/2010
10090254-003A	AS-W1 09/08/10		9/8/2010	9/10/2010
10090254-004A	AS-S1 09/08/10		9/8/2010	9/10/2010
10090254-005A	AS-S1D 09/08/10		9/8/2010	9/10/2010

Date: September 13, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021-053-08, OMC, Waukegan

Lab Order:

10090254

CASE NARRATIVE

The following 47mm filters were found to be torn when examined during the post weighing process: Sample AS-N1 09/08/10 (10090254-002)

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

September 13, 2010

Date Printed:

September 13, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021-053-08, OMC, Waukegan

Lab Order:

10090254

Lab ID:

10090254-001

Collection Date: 9/8/2010

Matrix: Air

Analyses

Client Sample ID: AS-E1 09/08/10

Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

Result

Prep Date: 9/10/2010

Analyst: JP

Lab ID:

Analyses

10090254-002

21600 100 µg/filter

Matrix: Air

9/13/2010

Collection Date: 9/8/2010

Client Sample ID: AS-N1 09/08/10

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

14700

40 CFR PART 50 APP. J

µg/filter

Prep Date: 9/10/2010

Analyst: JP

100

9/13/2010

Lab ID: Client Sample ID: AS-W1 09/08/10

10090254-003

Matrix: Air

Collection Date: 9/8/2010

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

22900

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 9/10/2010

Analyst: JP

10090254-004

Collection Date: 9/8/2010

9/13/2010

Lab ID:

Analyses

Client Sample ID: AS-S1 09/08/10

Result

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air

23600

40 CFR PART 50 APP. J

Particulate Matter (as PM10)

100

Prep Date: 9/10/2010

Analyst: JP 9/13/2010

10090254-005

Lab ID:

Analyses

Client Sample ID: AS-S1D 09/08/10

RL Qualifier Units

Matrix: Air

Result

Collection Date: 9/8/2010

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

23800

40 CFR PART 50 APP. J 100

µg/filter

Prep Date 9/10/2010

Analyst: JP 9/13/2010

Oualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

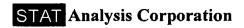
H - Holding time exceeded

Page 4 of 6

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfola STAT Analysis.com AIHA, NVLAP and NELAP accredited

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Sampler(s):													//	//	//	//	//	//	//		//		
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Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tim	e Received [.]	9/10/2010 10:00:00 AM
Work Order Number 10090254			Received by:	CDF	
Checklist completed by	Date	ζροίς	Reviewed by	Initials CA	9 13 10
Matrix	rrier name [.] <u>FedE</u>	<u>x</u>			
Shipping container/cooler in good condition?	Yes	¥	No 🗌	Not Present \square	
Custody seals intact on shippping container/cooler?	Yes		No 🗌	Not Present	
Custody seals intact on sample bottles?	Yes		No 🗌	Not Present 🗹	
Chain of custody present?	Yes	\checkmark	No 🗌		
Chain of custody signed when relinquished and received?	Yes	\checkmark	No 🗌		
Chain of custody agrees with sample labels/containers?	Yes	$ \mathbf{V} $	No 🗆		
Samples in proper container/bottle?	Yes	V	No 🗀		
Sample containers intact?	Yes	V	No 🗀		
Sufficient sample volume for indicated test?	Yes	$ \mathbf{Z} $	No 🗆		
All samples received within holding time?	Yes	\checkmark	No 🗆		
Container or Temp Blank temperature in compliance?	Yes	\checkmark	No 🗌	Temperatur	e Ambient °C
Water - VOA vials have zero headspace? No VO	A vials submitted	<u> </u>	Yes 🗔	No 🗔	
Water - Samples pH checked?	Yes	1	No 🗌	Checked by:	
Water - Samples properly preserved?	Yes	·	No 🔙	pH Adjusted?	
Any No response must be detailed in the comments secti	on below.				
Comments					
100 000 000 000					
					
					
Client / Person Date contacted.	ntacted.		Cont	acted by:	
Response					

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

September 28, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021.053.05, OMC STAT Project No: 10090659

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 9/23/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding tune criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory



Date: September 28, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021.053.05, OMC 10090659		Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10090659-001A	OMC-AS-E1 09-17-10		9/17/2010	9/23/2010
10090659-002A	OMC-AS-N1 09-17-10		9/17/2010	9/23/2010
10090659-003A	OMC-AS-W1 09-17-10		9/17/2010	9/23/2010
10090659-004A	OMC-AS-S1 09-17-10		9/17/2010	9/23/2010
10090659-005A	OMC-AS-S1D 09-17-10		9/17/2010	9/23/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported:

September 28, 2010

Date Printed:

September 28, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC

Lab Order:

10090659

Lab ID:

10090659-001

Collection Date: 9/17/2010

Matrix: Air

Analyses

Client Sample ID: OMC-AS-E1 09-17-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Result

15100

Prep Date: 9/23/2010 Analyst: JP

Particulate Matter (as PM10)

100

µg/filter

9/27/2010

Lab ID:

10090659-002

Collection Date: 9/17/2010

Analyses

Matrix: Air

Client Sample ID: OMC-AS-N1 09-17-10

RL Qualifier Units

µg/filter

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

Result

40 CFR PART 50 APP. J

Prep Date: 9/23/2010

Analyst: JP

Lab ID:

10090659-003

13100 100

Collection Date: 9/17/2010

9/27/2010

Analyses

Client Sample ID: OMC-AS-W1 09-17-10

Matrix: Air

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

Result

DF

Particulate Matter (as PM10)

28200

Result

40 CFR PART 50 APP. J 100

ug/filter

Prep Date: 9/23/2010

Analyst: JP 9/27/2010

Lab ID:

10090659-004

Collection Date: 9/17/2010

Analyses

Client Sample ID: OMC-AS-S1 09-17-10

Matrix: Air

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

34000

40 CFR PART 50 APP. J

Particulate Matter (as PM10)

100

Prep Date: 9/23/2010

Analyst: JP

Lab ID:

µg/filter

9/27/2010

10090659-005

Collection Date: 9/17/2010

Analyses

Client Sample ID: OMC-AS-S1D 09-17-10

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Result

Prep Date: 9/23/2010

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 34400

100

µg/filter

Analyst: JP 9/27/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Page 3 of 5

(Please Print Clearly)		<u>uf</u>	PPER MIDWEST REGION	Page 1 of
Company Name: Te. Na Tech Branch/Location: Ch. Cac Project Contact: Tim Hohne		_	N. 612 607 1700 Wt 920-469 2436	
Branch/Location: Chi(24)	Pace Analyt			
Project Contact: Tim Haling	www.pacelat	bs com	Quote #:	
Phone. 94 312 201-74 74	CHAIN O	F CUSTOD	Mail To Contact	
Project Number: 103769021053.		rvation Codes	G≅N8OH Mail To Company:	
Project Name CMC		dium Thiosulfate J=Other	Mail To Address:	
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Transmit Prelim Rush Results by (complete what you want). Email #1:	Relinquished By	Date/Time Reco	ervod By Date/Time	Receipt Temp = Ambien
Email #2:	, remindence of pi		Daterring	Sample Receipt pH
Telephone:	Relinquished By	Date/Time Rece	erved By Date/Time	OK / Adjusted
Fax: Semples on HOLD are subject to	Relinquished By	Date/Time Reco	erved By Date/Time	Cooler Custody Seal Present / Not Present

Version 6 0 06/14/06

Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tim	e Received.	9/23/2010
Work Order Number 10090659		Received by	CDF	
Checklist completed by: Signature Carrier name:	9/23/10 FedEx	Reviewed by:	Initials .	9/24/10 Date
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present	
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present	
Chain of custody present?	Yes 🗹	No 🗆		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗆		
Samples in proper container/bottle?	Yes 🗹	No 🗌		
Sample containers intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗆	Temperature	Ambient °C
Water - VOA vials have zero headspace? No VOA vials subn	nitted 🗔	Yes 💷	No 🛅	
Water - Samples pH checked?	Yes ⊱	No 🗐	Checked by	-
Water - Samples properly preserved?	Yes 🖼	No 🖭	pH Adjusted?	
Any No response must be detailed in the comments section below.				
Comments				
		—		-
Client / Person Date contacted		Conta	acted by:	· <u>-</u>
Response				
				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

October 11, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021053.05, OMC, Waukegan STAT Project No: 10100082

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 10/4/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

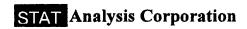
Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Such state (1)

Catia Giannini

Project Manager

The Information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory



10100082-005A AS-S1D 09/29/10

Date: October 11, 2010

10/4/2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021053.05, OMC 10100082	C, Waukegan	Work Order Sample Summ						
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received					
10100082-001A	AS-E1 09-29-10		9/29/2010	10/4/2010					
10100082-002A	AS-N1 09/29/10		9/29/2010	10/4/2010					
10100082-003A	AS-W1 09/29/10		9/29/2010	10/4/2010					
10100082-004A	AS-S1 09/29/10		9/29/2010	10/4/2010					

9/29/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

October 11, 2010

Date Printed:

Lab Order:

October 11, 2010

10100082

Tetra Tech EM Inc.

Project:

Lab ID:

Analyses

103DG9021053.05, OMC, Waukegan

Client Sample ID

10100082-001 AS-E1 09-29-10

Result

RL Qualifier Units

Matrix: Air DF

Collection Date: 9/29/2010

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

100

µg/filter

Prep Date: 10/4/2010

Analyst: JP

Lab ID:

Analyses

10100082-002

41700

Collection Date: 9/29/2010

10/8/2010

Client Sample ID

AS-N1 09/29/10

Result

41300

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

100

µg/filter

Collection Date: 9/29/2010

Prep Date: 10/4/2010

Analyst: JP 10/8/2010

Lab ID: Client Sample ID

10100082-003 AS-W1 09/29/10

RL Qualifier Units

Matrix: Air DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

Result

56300

40 CFR PART 50 APP. J 100

µg/filter

Collection Date: 9/29/2010

Prep Date: 10/4/2010

Analyst: JP 10/8/2010

Lab ID:

Analyses

Client Sample ID

Analyses

10100082-004 AS-S1 09/29/10

Result

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

68200

40 CFR PART 50 APP. J

RL Qualifier Units

DF

100

Prep Date: 10/4/2010 µg/filter

Analyst: JP

Lab ID:

10100082-005

10/8/2010

Collection Date: 9/29/2010

Analyses

Client Sample ID AS-S1D 09/29/10

RL Qualifier Units

Matrix: Air

Particulate Matter in Air

Result

40 CFR PART 50 APP. J

DF

Date Analyzed

Particulate Matter (as PM10)

67000

100

Prep Date: 10/4/2010 µg/filter

Analyst: JP 10/8/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo(a STAT Analysis.com 4IHA, NVLAP and NELAP accredited

CHAIN OF C	USTODY RECORD	N <u>°</u> :	<u>83279</u>	4 Page:	of
Company: Tetra Tech Project Number: 103 D G 902/ 053 Glient Tracking No.: Project Name: 0100	P.O. No.:				
Project Number: 103 D G 902/ 053 Qient Tracking No.:				/////	
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Relinquished by Date/Time	Preservation Code: A = None 1	B = HNO ₃ C =	NaOH		
Received by (Signature) Date/Time	$D = H_2SO_4$ E = HCl F = 5035	_	13		



Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tim	ne Received:	10/4/2010 9:30:00 AM
Work Order Number 10100082			Received by	CDF	
Checklist completed by Signature	Date	10/4/0	Reviewed by	initials CG	10/5/10
Matrix	Carrier name:	FedEx			
Shipping container/cooler in good condition?		Yes 🗹	No 🗔	Not Present	
Custody seals intact on shippping container/coo	nler?	Yes 🗌	No 🗌	Not Present ✓	
Custody seals intact on sample bottles?		Yes 🗆	No 🗌	Not Present ✓	
Chain of custody present?		Yes 🗹	No 🗆		
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels/cor		Yes 🗹	No 🗆		
Samples in proper container/bottle?		Yes 🗹	No 🗌		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗆		
All samples received within holding time?		Yes 🗹	No 🗌		
Container or Temp Blank temperature in compli	ance?	Yes 🗹	No 🗌	Temperature	e Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subm	nitted 🖭	Yes 🖃	No 🖸	
Water - Samples pH checked?		Yes 🗈	No 🗔	Checked by	-
Water - Samples properly preserved?		Yes 🗌	No 🏝	pH Adjusted?	-
Any No response must be detailed in the comm	ents section below				
^	-			· 	 ; <u>-</u> .
Comments:					- · · ·
	-	//			
Client / Person contacted	Date contacted		Cont	acted by	.
Response					
					-

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

October 14, 2010

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: OMC Plant 2

STAT Project No: 10100287

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 10/11/2010 10:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, batea Aram

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirely, unless written approval has been obtained from the

10100287-004A AS-N1 10-6-10

10100287-005A AS-E1 10-6-10

Date: October 14, 2010

10/11/2010

10/11/2010

Client: Project: Lab Order:	Tetra Tech EM Inc. OMC Plant 2 10100287		Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10100287-001A	AS-S1 10-6-10		10/6/2010	10/11/2010
10100287-002A	AS-S1D 10-6-10		10/6/2010	10/11/2010
10100287-003A	AS-W1 10-6-10		10/6/2010	10/11/2010

10/6/2010

10/6/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

October 14, 2010

Date Printed:

October 14, 2010

Client:

Tetra Tech EM Inc.

Project:

OMC Plant 2

Lab Order: 10100287

Lab ID:

10100287-001

Collection Date: 10/6/2010

Client Sample ID

AS-S1 10-6-10

Matrix: Air

Date Analyzed

Analyses

Result

76800

RL Qualifier Units

DF

Prep Date: 10/11/2010 Analyst: JP

100

40 CFR PART 50 APP. J

μg/filter

10/13/2010

Lab ID:

Analyses

10100287-002

Client Sample ID

AS-S1D 10-6-10

Matrix: Air RL Qualifier Units

Collection Date: 10/6/2010

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter in Air

Particulate Matter (as PM10)

Particulate Matter (as PM10)

Result

81200

40 CFR PART 50 APP. J

Prep Date: 10/11/2010 Analyst: JP

100

10/13/2010

Lab ID: Client Sample ID

10100287-003 AS-W1 10-6-10 Collection Date: 10/6/2010

Matrix: Air

Analyses

Result

RL Qualifier Units

DF Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

54500

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 10/11/2010 Analyst: JP

10/13/2010

Lab ID:

10100287-004 AS-N1 10-6-10 Collection Date: 10/6/2010

Matrix: Air

Analyses

Client Sample ID

Result

RL Qualifier

Units

DF

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

Date Analyzed

10/13/2010

44400

100

ug/filter

Prep Date: 10/11/2010 Analyst: JP

Lab ID:

10100287-005

Collection Date: 10/6/2010

Analyses

AS-E1 10-6-10

RL Qualifier Units

Client Sample ID

Result

40 CFR PART 50 APP. J

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

64100

100

μg/filter

Prep Date: 10/11/2010 Analyst: JP 10/13/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Page 3 of 5



Nashville Division

2960 Foster Creighton Drive * Nashville 1N 37204

STAT

Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404 THE LEADERS IN ENVIRONMENTAL TESTING ',"Reg District (CA)") TA Account #: 3338042 Client: Tetra Tech EM Inc (ARRA) Invoice to: Tetra Tech EM Inc (ARRA) Address: 1 S. Wacker Dr. 37th Floor Suite 3700 Report to: Tom Hahne 60606 IL City, State, Zip: Chicago Client In voice Contact: Shelley Rice Project Name: OMC Client Project Mgr: Tom Hahne Facility ID: OMC Plant 2 Client Telephone#: (312) 201-7700 Fax: (312) 201-0031 Reg District (CA): Sampler Name (Print) Site Address: City,State,Zip: Illinois SamplerSignature: Preservative Matrix Analyze for RUSH TAT (Pre 8260B Single 8270C Containers Date Sample Plastic H2SO Field Filtere Glass H2SO Composite Wastewate s Shipped Sample ID -ASSI 10-6-10. ASSID 16610. COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica. BO # 21290 NOTES/SPECIAL INSTRUCTIONS: * Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed. There may be a charge assessed for TestAmerica disposing of sample remainders. Relinquished by: Date: Time: Received by: Date: Time: Relinguished by: Date: Time: 16/8/10 1500 Shipped Via: QC Deliverables (Please Circle One) : Date Due of Report: Level 2 Level 3 Level 4 Site Specific Sample Containers Intact? Y N Received for TestAmerica by: Date: Temperatum Upon (If site specific, please pre-schedule w/ TestAmerica Receipt: VOCs Free of Headspace? Y N Project Manager or attach specific instructions)



Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tim	e Received	10/11/2010 10:30:00 AM
Work Order Number 10100287		Received by	CDF	
Checklist completed by Signature Date	10/11/10	Reviewed by	Cit	10/12/10
Matrix: Carrier name.	FedEx			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present	~
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present	✓
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗀		
Samples in proper container/bottle?	Yes 🗹	No 🗌		
Sample containers intact?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌		
All samples received within holding time?	Yes 🗹	No 🗌		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Tempe	rature Ambient °C
Water - VOA vials have zero headspace? No VOA vials subn	nitted 🖹	Yes 🖾	No 🖫	
Water - Samples pH checked?	Yes 🗀	No 🗔	Checked by	
Water - Samples properly preserved?	Yes 🗐	No 🍜	pH Adjusted	?
Any No response must be detailed in the comments section below				
Comments				
** 10 No. 2 To 100				
				
Client / Person Date contacted:		Contr	acted by	
Response.		weeks .		•••

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

October 19, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021.05305, OMC, Waukegan STAT Project No: 10100415

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 10/14/2010 4:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

liatia Ara

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: October 19, 2010

Client: Tetra Tech EM Inc. Project: 103DG9021.05305, OMC, Waukegan Lab Order: 10100415		C, Waukegan	Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10100415-001A	AS-S1-10-12-10		10/12/2010	10/14/2010
10100415-002A	AS-S1D-10-12-10		10/12/2010	10/14/2010
10100415-003A	AS-W1-10-12-10		10/12/2010	10/14/2010
10100415-004A	AS-N1-10-12-10		10/12/2010	10/14/2010
10100415-005A	AS-E1-10-12-10		10/12/2010	10/14/2010

Date: October 19, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021.05305, OMC, Waukegan

Lab Order:

10100415

CASE NARRATIVE

The following filters were received damaged and/or torn: AS-S1D-10-12-10 (10100415-002)

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

October 19, 2010

Date Printed:

Lab Order:

October 19, 2010

Prep Date: 10/14/2010 Analyst: RW

10100415

Client:

Tetra Tech EM Inc.

Project:

Lab ID:

103DG9021.05305, OMC, Waukegan

Client Sample ID

Particulate Matter in Air

Particulate Matter (as PM10)

10100415-001

AS-S1-10-12-10

Collection Date: 10/12/2010

Matrix: Filter

Date Analyzed

Analyses

Result

RL Qualifier Units

DF

10100415-002

40 CFR PART 50 APP. J 35200 100

µg/filter

10/18/2010

Lab ID:

Collection Date: 10/12/2010

Matrix: Filter

DF

DF

Analyses

Client Sample ID

AS-S1D-10-12-10

Result

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J 100

Prep Date: 10/14/2010 Analyst: RW

Particulate Matter (as PM10)

32900

Result

52500

µg/filter

10/18/2010

Lab ID: Client Sample ID

10100415-003 AS-W1-10-12-10

Collection Date: 10/12/2010 Matrix: Filter

Analyses

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 10/14/2010 Analyst RW 10/18/2010

Lab ID:

Analyses

10100415-004

Collection Date: 10/12/2010

Client Sample ID

AS-N1-10-12-10

RL Qualifier Units

Matrix: Filter

Result

DF

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Particulate Matter (as PM10)

Client Sample ID

24300

100

Prep Date: 10/14/2010 Analyst: RW

10100415-005

µg/filter

10/18/2010

Lab ID:

AS-E1-10-12-10

Collection Date: 10/12/2010 Matrix: Filter

Analyses

Qualifiers:

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

27300

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 10/14/2010 Analyst: RW

10/18/2010

ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation
2242 W. Harnson, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STA l'infoxa \$7 11 Inalysis.com

AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO				Date and Tim	e Received.	10/14/2010 4·00:00 PM
Work Order Number 10100415		,		Received by:	JJM	
Checklist completed by.	Makin /		4//	Reviewed by	initials	10/15/10
Matrix:	Carrier name	<u>FedEx</u>				
Shipping container/cooler in good conditi	on?	Yes 🗹	2	No 🗀	Not Present 🔲	
Custody seals intact on shippping contain	ner/cooler?	Yes 🗀]	No 🗀	Not Present 🔽	
Custody seals intact on sample bottles?		Yes 🗆]	No 🗌	Not Present 🗹	
Chain of custody present?		Yes 🗹	2	No 🗆		
Chain of custody signed when relinquish	ed and received?	Yes 🗹		No 🗀		
Chain of custody agrees with sample lab	els/containers?	Yes 🗹	•	No 🗆		
Samples in proper container/bottle?		Yes 🗹	7	No 🗀		
Sample containers intact?		Yes 	•	No 🗆		
Sufficient sample volume for indicated te	st?	Yes 🛂	•	No 🗆		
All samples received within holding time	?	Yes ⊻	<u> </u>	No 🗔		
Container or Temp Blank temperature in	compliance?	Yes 🗹	<u>r</u> i	No 🗔	Temperatur	re Ambient °C
Water - VOA vials have zero headspace	no VOA viais subr	nitted 🗉]	Yes 🗌	No 🗌	
Water - Samples pH checked?		Yes []	No 🗌	Checked by	
Water - Samples properly preserved?		Yes 🗌]	No 🗀	pH Adjusted?	
Any Manager						
Any No response must be detailed in the	comments section below		- : :			* ** .
Comments						
Comments		•			* ***	
	-		-			
Client / Person contacted	Date contacted			Conta	acted by·	
Response:						

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

November 01, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG902105305, OMC, Waukegan

Katele Deus

STAT Project No: 10100801

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 10/25/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Katelin Lewis

Project Mananger

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Date: November 01, 2010

Client: Tetra Tech EM Inc.

Project: 103DG902105305, OMC, Waukegan

Work Order Sample Summary

Lab Order: 10100801

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10100801-001 <i>A</i>	A AS-E1 10-20-10		10/20/2010	10/25/2010
10100801-002	AAS-N1 10-20-10		10/20/2010	10/25/2010
10100801-003	AAS-W1 10-20-10		10/20/2010	10/25/2010
10100801-004	A AS-S1 10-20-10		10/20/2010	10/25/2010
10100801-005 <i>A</i>	A AS-S1D 10-20-10		10/20/2010	10/25/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: November 01, 2010 Date Printed: November 01, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG902105305, OMC, Waukegan

Lab Order: 10100801

Lab ID:

10100801-001

Collection Date 10/20/2010

Matrix: Air

Analyses

Client Sample ID:AS-E1 10-20-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Result

120000

Prep Date: 10/25/2010 Analyst: JP

100

40 CFR PART 50 APP. J

µg/filter

Matrix: Air

10/29/2010

Lab ID:

Analyses

10100801-002

Collection Date 10/20/2010

Client Sample ID:AS-N1 10-20-10

Client Sample ID:AS-W1 10-20-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Result

36600

100

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

Prep Date: 10/25/2010 Analyst JP 10/29/2010

Lab ID:

10100801-003

Collection Date 10/20/2010

Matrix: Air

Analyses

Result

68600

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Prep Date 10/25/2010 Analyst: JP

Particulate Matter (as PM10)

100

µg/filter

10/29/2010

Lab ID:

10100801-004

Collection Date 10/20/2010

Matrix: Air

Analyses

Client Sample ID:AS-S1 10-20-10

RL Qualifier Units

DE

Date Analyzed

Particulate Matter in Air

Result

Particulate Matter (as PM10)

74600

40 CFR PART 50 APP. J 100

ua/filter

Prep Date: 10/25/2010 Analyst: JP

10/29/2010

Lab ID:

10100801-005

Collection Date 10/20/2010

Matrix: Air

Analyses

Qualifiers:

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

75300

40 CFR PART 50 APP. J 100

μg/filter

Prep Date: 10/25/2010 Analyst: JP 10/29/2010

Client Sample ID:AS-S1D 10-20-10

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits E - Value above quantitation range

H - Holding time exceeded

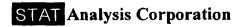
Page 3 of 5

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicugo, Illinois 60612 Phone: (312) 733-9551 Fax: (312) 733-2386

e-mail address: STATinf@aSTAT Analysis.com

AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO				Date	and Tim	e Received	10/25/2010 9:30:00 AM
Work Order Number 10100801				Rece	eived by	CDF	
Checklist completed by.		Date	12:5/	/ Revi	ewed by	Initials	10 24 10
Matrix	Carr	ier name [.] <u>Fed</u>	<u>Ex</u>				
Shipping container/cooler in good cor	dition?	Yes	¥	No [Not Present	
Custody seals intact on shippping con	ntainer/cooler?	Yes		No [3	Not Present	⊻
Custody seals intact on sample bottle	s?	Yes		No [Not Present	∑
Chain of custody present?		Yes	V	No []		
Chain of custody signed when relinqu	ished and received?	Yes	\checkmark	No [J		
Chain of custody agrees with sample	labels/containers?	Yes	\checkmark	No [
Samples in proper container/bottle?		Yes	V	No [
Sample containers intact?		Yes	V	No [J		
Sufficient sample volume for indicated	d test?	Yes	\checkmark	No []		
All samples received within holding til	me?	Yes	$\overline{\mathbf{V}}$	No []		
Container or Temp Blank temperature	ın compliance?	Yes	$\overline{\mathbf{V}}$	No [J	Tempe	erature Ambient °C
Water - VOA vials have zero headspa	ace? No VOA	vials submitted	5 1	•	Yes 🖾	No 🖪	
Water - Samples pH checked?		Yes	[1]	No [ī.;)	Checked by	y
Water - Samples properly preserved?	•	Yes	Ā	No [<u> </u>	pH Adjusted	1?
Any No response must be detailed in	the comments section	n below.					
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Comments			- .				
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Client / Person contacted	Date conte	acted			Conta	acted by.	
Response			-				······································

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

November 08, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021-053-05, OMC, Waukegan STAT Project No: 10110025

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 11/1/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

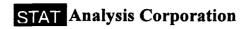
All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, latia Ara

Catia Giannini Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.



Date: November 08, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021-053-05, OM 10110025	C, Waukegan	Work Ord	ler Sample Summary
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10110025-001A	AS-W1 10-28-10		10/28/2010	11/1/2010
10110025-002A	AS-N1 10-28-10		10/28/2010	11/1/2010
10110025-003A	AS-E1 10-28-10		10/28/2010	11/1/2010
10110025-004A	AS-S1 10-28-10		10/28/2010	11/1/2010
10110025-005A	AS-S1D 10-28-10		10/28/2010	11/1/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

November 08, 2010

Date Printed:

November 08, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021-053-05, OMC, Waukegan

Lab Order: 10110025

Lab ID:

10110025-001

Collection Date: 10/28/2010

Client Sample ID

AS-W1 10-28-10

Matrix: Air

Date Analyzed

Analyses

Result

RL Qualifier Units

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 16500

µg/filter

Prep Date: 11/1/2010

DF

DF

Analyst: JP 11/5/2010

Lab ID:

10110025-002

100

Collection Date: 10/28/2010

Client Sample ID

AS-N1 10-28-10

Matrix: Air

Analyses

Result

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

8500

40 CFR PART 50 APP, J

Prep Date: 11/1/2010 µg/filter

Analyst: JP

11/5/2010

Lab ID:

Analyses

10110025-003

Collection Date: 10/28/2010

Client Sample ID

AS-E1 10-28-10

RL Qualifier Units

100

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air

Result

Result

40 CFR PART 50 APP. J

Prep Date: 11/1/2010

Analyst: JP

Particulate Matter (as PM10)

8900

100

µg/filter

11/5/2010

Lab ID:

Analyses

10110025-004

Collection Date: 10/28/2010

Client Sample ID

AS-S1 10-28-10

Matrix: Air

Particulate Matter in Air

22700

40 CFR PART 50 APP. J

RL Qualifier Units

DF

Date Analyzed

Particulate Matter (as PM10)

100

μg/filter

Prep Date: 11/1/2010

Analyst: JP 11/5/2010

Lab ID:

10110025-005

Collection Date: 10/28/2010

RL Qualifier Units

DF

Client Sample ID Analyses

AS-S1D 10-28-10

Matrix: Air

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Result

23200

40 CFR PART 50 APP. J

100

µg/filter

Prep Date: 11/1/2010

Analyst: JP

11/5/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

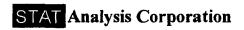
E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: S1 (TintouSTAT (nalysis.com 4IH), NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tim	ne Received:	11/1/2010 9:30:00 AM
Work Order Number 10110025	//		Received by	CDF	
Checklist completed by	Date	11/1/10	Reviewed by.	Initials	11 2 10
Matrix	Carrier name	<u>FedEx</u>			
Shipping container/cooler in good con	dition?	Yes 🗹	No 🗆	Not Present	
Custody seals intact on shippping con	itainer/∞oler?	Yes 🗌	No 🗌	Not Present 🗹	
Custody seals intact on sample bottle	s?	Yes 🗌	No 🗌	Not Present	
Chain of custody present?		Yes 🗹	No 🗀		
Chain of custody signed when relinqui	ished and received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample	labels/containers?	Yes 🗹	No 🗌		
Samples in proper container/bottle?		Yes 🗹	No 🗌		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated	I test?	Yes 🗹	No 🗀		
All samples received within holding tin	ne?	Yes 🗹	No 🗌		
Container or Temp Blank temperature	in compliance?	Yes 🗹	No 🗌	Temperatur	e Ambient °C
Water - VOA vials have zero headspa	ce? No VOA vials subm	utted 🗔	Yes 🗔	No 🖃	
Water - Samples pH checked?		Yes 🗀	No 🖸	Checked by	
Water - Samples properly preserved?		Yes 🗓	No 🗌	pH Adjusted?	
Any No response must be detailed in	the comments section below				-
Comments					· · - - · ·
		 		 .	
			-		
Client / Person contacted	Date contacted		Conta	acted by·	
Response:					
	-			<u></u>	
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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-0

November 09, 2010

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021.053.05, OMC, Waukegan STAT Project No: 10110156

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 11/4/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

103DG9021.053.05, OMC, Waukegan

Date: November 09, 2010

Work Order Sample Summary

Client:	Tetra Tech EM Inc.		

Lab Order: 10110156

Project:

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10110156-001A	AS-N1		11/3/2010	11/4/2010
10110156-002A	AS-E1		11/3/2010	11/4/2010
10110156-003A	AS-W1		11/3/2010	11/4/2010
10110156-004A	AS-S1		11/3/2010	11/4/2010
10110156-005A	AS-S1D		11/3/2010	11/4/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

November 09, 2010

Date Printed:

November 09, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC, Waukegan

Lab Order:

10110156

Lab ID:

10110156-001

Collection Date: 11/3/2010

Client Sample ID

Matrix: Air

Analyses

AS-N1

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

17100

Result

40 CFR PART 50 APP. J 100

Prep Date: 11/4/2010 µg/filter

Analyst JP 11/4/2010

Lab ID:

10110156-002

Collection Date: 11/3/2010

Client Sample ID Analyses

AS-E1

Result

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

23200

40 CFR PART 50 APP. J 100

Prep Date: 11/4/2010 µg/filter

Analyst: JP

11/4/2010

Lab ID: Client Sample ID

10110156-003 AS-W1

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

Result

24900

RL Qualifier Units

Collection Date: 11/3/2010

Prep Date: 11/4/2010 Analyst: JP

Analyses

11/4/2010

Lab ID:

10110156-004

Collection Date: 11/3/2010

Client Sample ID Analyses

AS-S1

RL Qualifier Units

µg/filter

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

31600

Result

40 CFR PART 50 APP. J

40 CFR PART 50 APP. J

100

Prep Date: 11/4/2010

Analyst JP

100

11/4/2010

10110156-005

Lab ID:

Collection Date: 11/3/2010

Analyses

Client Sample ID

AS-S1D

Result

RL Qualifier Units

Particulate Matter in Air

40 CFR PART 50 APP, J

DF

Date Analyzed

Particulate Matter (as PM10)

34600

100

Prep Date: 11/4/2010 μg/filter

Matrix: Air

Analyst JP 11/4/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
22-42 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfox STAT Indisis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO				Date and Tim	e Received	11/4/2010 9:30:00 AM
Work Order Number 10110156				Received by:	CDF	
Checklist completed by	Bela	1/4/	lro	Reviewed by:	Initials	5 11510 Date
Matrix	Carrier name:	<u>FedEx</u>				
Shipping container/cooler in good condition	n?	Yes 🛂		No 🗌	Not Present	
Custody seals intact on shippping contain	er/cooler?	Yes [No 🗌	Not Present	
Custody seals intact on sample bottles?		Yes []	No 🗆	Not Present	₹
Chain of custody present?		Yes 🗹		No 🗌		
Chain of custody signed when relinquished	d and received?	Yes 🖳		No 🗌		
Chain of custody agrees with sample labe	ls/containers?	Yes 🔽		No 🗆		
Samples in proper container/bottle?		Yes 🖢	7	No 🗆		
Sample containers intact?		Yes 💆		No 🗌		
Sufficient sample volume for indicated tes	it?	Yes 🖳		No 🗌		
All samples received within holding time?		Yes 🖳		No 🗌		
Container or Temp Blank temperature in c	compliance?	Yes 🛂	2	No 🗌	Temp	erature Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subn	nitted 🖪	3	Yes 🖭	No 📴]
Water - Samples pH checked?		Yes 🖟	¥	No 🖼	Checked b	y [.]
Water - Samples properly preserved?		Yes 🗄	3	No 🖽	pH Adjusted	i?
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Comments						
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Client / Person contacted	Date contacted			Conta	acted by	
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Response:						
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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

November 16, 2010

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Chicago, IL 60606 Telephone: (312) 946-6474

Fax:

(312) 938-0118

RE: 103DG9021053.05, OMC, Waukegan

STAT Project No: 10110385

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 11/12/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, June Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.



Date: November 16, 2010

Client:	Tetra Tech EM Inc.				
		 -	_	_	

Project: 103DG9021053.05, OMC, Waukegan Work Order Sample Summary

Lab Order: 10110385

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10110385-001A	AS-N1 11-08-10		11/8/2010	11/12/2010
10110385-002A	AS-W1 11-08-10		11/8/2010	11/12/2010
10110385-003A	AS-E1 11-08-10		11/8/2010	11/12/2010
10110385-004A	AS-S1 11-08-10		11/8/2010	11/12/2010
10110385-005A	AS-S1D 11-08-10		11/8/2010	11/12/2010

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

November 16, 2010

Date Printed:

November 16, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021053.05, OMC, Waukegan

Lab Order:

10110385

Lab ID:

10110385-001

Collection Date: 11/8/2010

Client Sample ID

AS-N1 11-08-10

Matrix: Filter DF

Date Analyzed

Analyses

Result

RL Qualifier Units

Prep Date: 11/12/2010 Analyst JP

Particulate Matter in Air Particulate Matter (as PM10)

54200

40 CFR PART 50 APP, J 100

μg/filter

11/12/2010

Lab ID:

10110385-002

Collection Date: 11/8/2010

Client Sample ID

AS-W1 11-08-10

Matrix: Filter

DF

Date Analyzed

Analyses

RL Qualifier Units

Particulate Matter in Air Particulate Matter (as PM10)

Result

5400

40 CFR PART 50 APP. J

100

µg/filter

Prep Date: 11/12/2010 Analyst: JP 11/12/2010

Client Sample ID

10110385-003

Collection Date: 11/8/2010

Matrix: Filter

Analyses

Lab ID:

AS-E1 11-08-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

57800

Result

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 11/12/2010 Analyst: JP

10110385-004

Collection Date: 11/8/2010

11/12/2010

Lab ID:

Matrix: Filter

Analyses

AS-S1 11-08-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Client Sample ID

72600

40 CFR PART 50 APP. J

Prep Date: 11/12/2010 Analyst: JP

100

11/12/2010

Lab ID:

10110385-005

Collection Date: 11/8/2010

Client Sample ID Analyses

AS-S1D 11-08-10

RL Qualifier Units

Matrix: Filter DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Result

74100

40 CFR PART 50 APP. J 100

μg/filter

Prep Date: 11/12/2010 Analyst: JP

11/12/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

STAT Analysis Corporation
2242 W. Harrwon, Su he 200, Chricago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfeta ST #1'Analysis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Time Received:	11/12/2010 9:30:00 AM
Work Order Number 10110385		Received by. CIG	
Checklist completed by Signature	11/12/10 Date	Reviewed by:	11 12 10
Matnx	Carrier name <u>FedEx</u>		
Shipping container/cooler in good condition?	Yes 🔽	No □ Not Present □	
Custody seals intact on shippping container/cooler?	Yes []	No	
Custody seals intact on sample bottles?	Yes 🗀	No ☐ Not Present ⊻	
Chain of custody present?	Yes 🗹	No 🗌	
Chain of custody signed when relinquished and receive	ed? Yes ☑	No [_]	
Chain of custody agrees with sample labels/containers	? Yes 🗹	No [_]	
Samples in proper container/bottle?	Yes 🗸	No :	
Sample containers intact?	Yes 🗹	No 🗔	
Sufficient sample volume for indicated test?	Yes 🛂	No	
All samples received within holding time?	Yes 🗹	No _J	
Container or Temp Blank temperature in compliance?	Yes 🔽	No Temperatu	re Ambient °C
Water - VOA vials have zero headspace?	VOA vials submitted 🗔	Yes 🗔 No 🖾	
Water - Samples pH checked?	Yes 🗔	No 🗓 Checked by	
Water - Samples properly preserved?	Yes 😽	No e pH Adjusted?	
Any No response must be detailed in the comments so	ection below		
Comments ⁻			
Client / Person contacted Date	contacted:	Contacted by:	

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-0

November 29, 2010

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021-053-05, OMC, Waukegan

STAT Project No: 10110686

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 11/22/2010 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

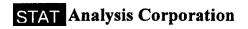
Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

latia Dia Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory



Date: November 29, 2010

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021-053-05, OM 10110686	C, Waukegan	Work Order Sample Summary							
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received						
10110686-001A	AS-E1-11-18-10		11/18/2010	11/22/2010						
10110686-002A	AS-N1-11-18-10		11/18/2010	11/22/2010						
10110686-003A	AS-W1-11-18-10		11/18/2010	11/22/2010						
10110686-004A	AS-S1-11-18-10		11/18/2010	11/22/2010						
10110686-005A	AS-S1D-11-18-10		11/18/2010	11/22/2010						

Date: November 29, 2010

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021-053-05, OMC, Waukegan

Lab Order:

10110686

CASE NARRATIVE

The following filters were received damaged and/or torn: AS-W1-11-18-10 (10110686-003).

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

November 29, 2010

Date Printed:

November 29, 2010

Client:

Tetra Tech EM Inc.

Project:

103DG9021-053-05, OMC, Waukegan

Lab Order:

10110686

Lab ID:

10110686-001

Collection Date: 11/18/2010

Client Sample ID

AS-E1-11-18-10

Matrix: Air

Date Analyzed

Analyses

Result

59800

Result

RL Qualifier Units

µg/filter

DF

Particulate Matter (as PM10)

Client Sample ID

Particulate Matter in Air

40 CFR PART 50 APP. J

Prep Date: 11/22/2010 Analyst JP

11/24/2010

Lab ID:

10110686-002

Collection Date: 11/18/2010

Matrix: Air

Analyses

AS-N1-11-18-10

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J 100

100

Prep Date: 11/22/2010 Analyst: JP

Particulate Matter (as PM10)

24400

11/24/2010

Lab ID: Client Sample ID

10110686-003 AS-W1-11-18-10

Collection Date: 11/18/2010

Matrix: Air

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

180000

Prep Date: 11/22/2010 Analyst: JP

11/24/2010

Lab ID:

Analyses

10110686-004

Collection Date: 11/18/2010

µg/filter

Client Sample ID

AS-S1-11-18-10

100

Matrix: Air

Particulate Matter in Air

48700

40 CFR PART 50 APP. J

RL Qualifier Units

DF

Date Analyzed

Particulate Matter (as PM10)

Result

100

Prep Date: 11/22/2010 Analyst JP

μg/filter

11/24/2010

Lab ID:

10110686-005

Collection Date: 11/18/2010

Client Sample ID

Analyses .

AS-S1D-11-18-10

Matrix: Air

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

50700

40 CFR PART 50 APP. J 100

μg/filter

Prep Date: 11/22/2010 Analyst: JP 11/24/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

STA. Analysis Corporation
22 42 W. Harrison, Suite 200, Chēcago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: ST 1Tinfota ST 4 T 4 nalysis.com AIH 4. NVLAP and NELAP accredited

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Received by (Sign-nature)				Date	Time				-1									Other			\	ı empera	Ture:	ablast °C



Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tim	e Received:	11/22/2010 9:30 [.] 00 AM
Work Order Number 10110686		Received by.	CDF	, .1
Checklist completed by	nterto	Reviewed by:	Initials	11/22/10
Matrix Carrier name.	FedEx			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present	
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present	
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels/containers?	Yes 🗌	No 🗹		
Samples in proper container/bottle?	Yes 🗹	No 🗀		
Sample containers intact?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌	•	
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗔	Temperature	Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	nitted 😥	Yes 🖭	No 🖴	
Water - Samples pH checked?	Yes 🕦	No 🖸	Checked by	
Water - Samples properly preserved?	Yes 🔄	No 🙉	pH Adjusted?	
Any No response must be detailed in the comments section below				
Comments				
	· · · · · · · · · · · · · · · · ·			
•				
Client / Person Date contacted.		Conta	acted by:	
Response		· · ·		

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-

February 15, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago II 60606

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021-053.05, OMC, Waukegan STAT Project No: 11020175

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 2/11/2011 2:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely.

Matra Aca

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: February 15, 2011

Client:	Tetra Tech EM Inc.	
Project:	103DG9021-053.05, OMC, Waukegan	Work Order Sample Summary

Lab Order: 11020175

	~			
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11020175-001A	AS-S1		2/9/2011	2/11/2011
11020175-002A	AS-S1D		2/9/2011	2/11/2011
11020175-003A	AS-N1		2/9/2011	2/11/2011
11020175-004A	AS-E1		2/9/2011	2/11/2011
11020175-005A	AS-W1		2/9/2011	2/11/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

February 15, 2011

Date Printed:

February 15, 2011

Tetra Tech EM Inc.

Project:

103DG9021-053.05, OMC, Waukegan

Lab Order: 11020175

Lab ID:

11020175-001

Collection Date: 2/9/2011

Client Sample ID

AS-S1

Matrix: Air

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

30300

40 CFR PART 50 APP. J 100

µg/filter

Prep Date 2/11/2011 Analyst: RW 2/14/2011

Lab ID:

Analyses

11020175-002

Collection Date: 2/9/2011

Client Sample ID

AS-S1D

Matrix: Air

DF

Date Analyzed

Result

RL Qualifier Units

Particulate Matter in Air Particulate Matter (as PM10)

32400

40 CFR PART 50 APP. J

100

100

Prep Date: 2/11/2011 µg/filter

Analyst: RW 2/14/2011

Lab ID: Client Sample ID AS-N1

11020175-003

Collection Date: 2/9/2011

Matrix: Air

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10) 40 CFR PART 50 APP. J

Prep Date⁻ 2/11/2011

Analyst RW

11020175-004

Collection Date: 2/9/2011

2/14/2011

Lab ID:

Matrix: Air

Analyses

AS-E1

RL Qualifier Units

Particulate Matter in Air

Result

22900

µg/filter

DF

Date Analyzed

40 CFR PART 50 APP. J

Particulate Matter (as PM10)

Client Sample ID

21200

100

Prep Date: 2/11/2011

Analyst: RW

Lab ID:

11020175-005

μg/filter

2/14/2011

Collection Date: 2/9/2011

Analyses

Client Sample ID AS-W1

Result

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

78000

40 CFR PART 50 APP. J 100

Prep Date: 2/11/2011 μg/filter

Analyst: RW

2/14/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

* - Non-accredited parameter

Page 3 of 5

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, White 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STAT info a STAT analysis coin AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tim	e Received	2/11/2011 2 00:00 PM
Work Order Number 11020175			Received by	CDF	
Checklist completed by Spendiure	Date	-/0/11 ·	Reviewed by	Initials	2 14 11 Date 1
Matrix	Carrier name.	<u>FedEx</u>			
Stripping container/cooler in good conditi	on?	Yes 🗹	No 🗆	Not Present	
Custody seals intact on shippping contain	ner/cooler?	Yes 🗌	No 🗌	Not Present 🗹	
Custody seals intact on sample bottles?		Yes 🗀	No 🗌	Not Present 🗹	
Chain of custody present?		Yes 🔽	No 🗆		
Chain of custody signed when relinquish	ed and received?	Yes 🔽	No 🗌		
Chain of custody agrees with sample lab	els/containers?	Yes 🗹	No 🗌		
Samples in proper container/bottle?		Yes 🗹	No 🗆		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated te	est?	Yes 🗹	No 🗌		
All samples received within holding time	?	Yes 🔽	No 🗆		
Container or Temp Blank temperature in	compliance?	Yes 🗹	No 🗌	Temperature	Ambient °C
Water - VOA vials have zero headspace	7 No VOA vials subm	nittec 🗌	Yes 🗌	No 🗌	
Water - Samples pH checked?		Yes.	No 🗔	Checked by.	
Water - Samples properly preserved?		Yes 🗌	No 🖸	pH Adjusted?	<u></u>
Any No response must be detailed in the	comments section below				
					-
Comments:					
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Client / Person contacted	Date contacted.		Cont	acted by.	
Response.					

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

March 02, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021.053.07, OMC, Waukegan STAT Project No: 11020477

Dear Tom Hahne:

STAT Analysis received 2 samples for the referenced project on 2/25/2011 11:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely.

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: March 02, 2011

Client: Tetra Tech EM Inc.

Project: 103DG9021.053.07, OMC, Waukegan Work Order Sample Summary

Lab Order: 11020477

				
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11020477-001A	L6-UST		2/24/2011 2:00:00 PM	2/25/2011
11020477-001B	L6-UST		2/24/2011 2:00:00 PM	2/25/2011
11020477-001C	L6-UST		2/24/2011 2:00:00 PM	2/25/2011
11020477-002A	ODC-Tunnel		2/24/2011 1:30:00 PM	2/25/2011
11020477-002B	ODC-Tunnel		2/24/2011 1:30:00 PM	2/25/2011
11020477-002C	ODC-Tunnel		2/24/2011 1:30:00 PM	2/25/2011

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: March 02, 2011

Date Printed: March 02, 2011

Client:

Tetra Tech EM Inc.

Lab Order: 11020477

Project: 103DG9021.053.07, OMC, Waukegan

Lab ID:

11020477-001

Client Sample ID: L6-UST

Collection Date: 2/24/2011 2:00:00 PM

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	SW8	082 (SW3	510C)	Pre	p Date: 2/28/201	1 Analyst: GVC
Aroclor 1016	ND	0.0005	·	mg/L	1	2/28/2011
Aroclor 1221	ND	0.0005		mg/L	1	2/28/2011
Aroclor 1232	ND	0.0005		mg/L	1	2/28/2011
Aroclor 1242	0.023	0.0005		mg/L	1	2/28/2011
Aroclor 1248	ND	0.0005		mg/L	1	2/28/2011
Aroclor 1254	0.016	0.0005		mg/L	1	2/28/2011
Aroclor 1260	ND	0.0005		mg/L	1	2/28/2011
TCLP Mercury	SW1	311/7470	4	Pre	p Date: 2/28/201	1 Analyst: LB
Mercury	ND	0.0002		mg/L	1	3/1/2011
Mercury	SW7	470A		Pre	p Date [,] 2/28/201	1 Analyst: LB
Mercury	ND	0.0002		mg/L	1	3/1/2011
TCLP Metals by ICP/MS	SW1	311/6020	(SW3005A)	Pre	Date: 2/28/201	1 Analyst JG
Arsenic	0 069	0 01	(,	mg/L	5	2/28/2011
Barlum	0.15	0.05		mg/L	5	2/28/2011
Cadmlum	ND	0 005		mg/L	5	2/28/2011
Chromium	ND	0.01		mg/L	5	2/28/2011
Lead	ND	0 0075		mg/L	5	2/28/2011
Selenium	0.49	0.01		mg/L	5	2/28/2011
Silver	ND	0 01		mg/L	5	2/28/2011
Metals by ICP/MS	SW6	020 (SW3	005A)	Pre	o Date: 2/28/201	1 Analyst: JG
Arsenic	0.082	0 004		mg/L	2	2/28/2011
Barium	4.8	0.2		mg/L	100	3/1/2011
Cadmium	0 0036	0 002		mg/L	2	2/28/2011
Chromium	0.086	0.004		mg/L	2	2/28/2011
Lead	0.11	0.003		mg/L	2	2/28/2011
Selenium	0 39	0.004		mg/L	2	2/28/2011
Silver	ND	0.004		mg/L	2	2/28/2011
TCLP Semivolatile Organic Compounds	SW1	311/82700	(\$W35100) Pre	p Date ⁻ 2/28/201	1 Analyst DM
1,4-Dichlorobenzene	ND	0.01		mg/L	1	2/28/2011
2,4-Dinitrotoluene	ND	0.01		mg/L	1	2/28/2011
Hexachiorobenzene	ND	0 01		mg/L	1	2/28/2011
Hexachlorobutadiene	ND	0 01		mg/L	1	2/28/2011
Hexachloroethane	ND	0.01		mg/L	1	2/28/2011
Nitrobenzene	ND	0.01		mg/L	1	2/28/2011
2-methylphenol	NĐ	0.01		mg/L	1	2/28/2011
3- & 4-Methylphenol	0.022	0.01		mg/L	1	2/28/2011

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: March 02, 2011

Date Printed: March 02, 2011

Client:

Tetra Tech EM Inc.

Client Sample ID: L6-UST

Lab Order:

11020477

Collection Date: 2/24/2011 2:00:00 PM

Project:

103DG9021.053.07, OMC, Waukegan

Matrix: Water

Lab ID: 11020477-001

Analyses	Result	Date Analyzed				
TCLP Semivolatile Organic Compounds	SW13	11/8270C	(SW3510C) Pre	p Date: 2/28/201 1	Analyst: DM
Pentachlorophenol	0.068	0.05		mg/L	1	2/28/2011
Pyridine	ND	0.01		mg/L	1	2/28/2011
2,4,5-Trichlorophenol	0.016	0.01		mg/L	1	2/28/2011
2,4,6-Trichlorophenol	ND	0 01		mg/L	1	2/28/2011
TCLP Volatile Organic Compounds by GC/MS	S SW13	11/8260B	(SW5030B) Pre	p Date: 2/25/201 1	Analyst: ART
Benzene	ND	0.05	•	mg/L	10	2/25/2011
2-Butanone	ND	0.2		mg/L	10	2/25/2011
Carbon tetrachloride	ND	0.05		mg/L	10	2/25/2011
Chlorobenzene	ND	0.05		mg/L	10	2/25/2011
Chloroform	ND	0.05		mg/L	10	2/25/2011
1,2-Dichloroethane	ND	0.05		mg/L	10	2/25/2011
1,1-Dichloroethene	ND	0.05		mg/L	10	2/25/2011
Tetrachloroethene	ND	0.05		mg/L	10	2/25/2011
Trichloroethene	ND	0.05		mg/L	10	2/25/2011
Vinyl chloride	ND	0.05		mg/L	10	2/25/2011
Cyanide, Total	SW90	12A		Pre	p Date: 3/1/2011	Analyst [.] YZ
Cyanide	ND	0.01		mg/L	1	3/1/2011
Flash Point (Open-Cup)	SW10	10		Pre	p Date: 2/28/2011	Analyst: RW
Flashpoint No flash u	p to 212			°F	1	2/28/2011
pH	E150.	1		Pre	p Date: 2/25/201 1	Analyst: MNG
pН	10.8		* p	H units	1	2/25/2011
Phenolics	SW90	66 (SW9	065)	Pre	p Date: 2/26/201 1	Analyst: BPJ
Phenolics, Total Recoverable	4.5	0.5		mg/L	100	2/26/2011
Sulfide, Reactive	SW7.	3.4.2		Pre	p Date: 3/1/2011	Analyst: YZ
Reactive Sulfide	ND	10		mg/L	1	3/1/2011
тох	SW90	20B		Pre	p Date: 3/1/2011	Analyst: YZ
TOX	ND	0.2		mg/L	1	3/1/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

103DG9021.053.07, OMC, Waukegan

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: March 02, 2011 Date Printed: March 02, 2011

Client: Lab Order:

Project:

Tetra Tech EM Inc.

11020477

Client Sample ID: ODC-Tunnel

Collection Date: 2/24/2011 1:30:00 PM

Matrix: Water

Lab ID: 11020477-002

Analyses	Result	Result RL Qualifier Units DF						
PCBs	SW8	082 (SW3	510C)	Pre	p Date: 2/28/20	11 Analyst: GVC		
Aroctor 1016	ND	0 0005	•	mg/L	1	2/28/2011		
Aroclor 1221	ND	0.0005		mg/L	1	2/28/2011		
Aroclor 1232	ND	0.0005		mg/L	1	2/28/2011		
Aroclor 1242	0.36	0.005		mg/L	10	2/28/2011		
Aroclor 1248	ND	0.0005		mg/L	1	2/28/2011		
Aroclor 1254	0.066	0.0005		mg/L	1	2/28/2011		
Aroclor 1260	ND	0.0005		mg/L	1	2/28/2011		
TCLP Mercury	SW1	311/7470	١	Pre	p Date: 2/28/20	11 Analyst: LB		
Mercury	ND	0.0002		mg/L	1	3/1/2011		
Mercury	SW7	470A		Pre	p Date [.] 2/28/20	11 Analyst: LB		
Mercury	ND	0 0002		mg/L	1	3/1/2011		
TCLP Metals by ICP/MS	SW1	311/6020	(SW3005A)	Pre	p Date [.] 2/28/20	11 Analyst: JG		
Arsenic	ND	0 01		mg/L	5	2/28/2011		
Barlum	0 084	0.05		mg/L	5	2/28/2011		
Cadmium	ND	0.005		mg/L	5	2/28/2011		
Chromlum	ND	0.01		mg/L	5	2/28/2011		
Lead	ND	0.0075		mg/L	5	2/28/2011		
Selenium	ND	0 01		mg/L	5	2/28/2011		
Silver	ND	0 01		mg/L	5	2/28/2011		
Metals by ICP/MS	SW6	020 (SW3	005A)	Pre	p Date: 2/28/20	11 Analyst: JG		
Arsenic	0.017	0.004		mg/L	2	2/28/2011		
Barium	0.066	0.004		mg/L	2	2/28/2011		
Cadmium	ND	0.002		mg/L	2	2/28/2011		
Chromium	0.016	0.004		mg/L	2	2/28/2011		
Lead	0.064	0.003		mg/L	2	2/28/2011		
Selenium	ND	0.004		mg/L	2	2/28/2011		
Sliver	ND	0.004		mg/L	2	2/28/2011		
TCLP Semivolatile Organic Compounds	SW1	311/82700	(SW35100) Pre	o Date: 2/28/20	11 Analyst: DM		
1,4-Dichlorobenzene	ND	0.01	•	mg/L	1	2/28/2011		
2,4-Dinitrotoluene	ND	0 01		mg/L	1	2/28/2011		
Hexachlorobenzene	ND	0.01		mg/L	1	2/28/2011		
Hexachlorobutadiene	ND	0.01		mg/L	1	2/28/2011		
Hexachloroethane	ND	0.01		mg/L	1	2/28/2011		
Nitrobenzene	ND	0.01		mg/L	1	2/28/2011		
2-methylphenoi	0 022	0.01		mg/L	1	2/28/2011		
3- & 4-Methylphenol	2.3	0.2		mg/L	20	3/1/2011		

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: March 02, 2011 **Date Printed:** March 02, 2011

Client:

Tetra Tech EM Inc.

Client Sample ID: ODC-Tunnel

Lab Order:

11020477

Collection Date: 2/24/2011 1:30:00 PM

Project:

103DG9021.053.07, OMC, Waukegan

Matrix: Water

Lab ID:

11020477-002

Analyses	Result	RL	Qualifier	DF	Date Analyzed				
TCLP Semivolatile Organic Compounds	SW13	11/8270C	(SW3510C) Prep	Date: 2/28/2011	Analyst DM			
Pentachiorophenol	ND	0.05		mg/L	1	2/28/2011			
Pyridine	ND	0.01		mg/L	1	2/28/2011			
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	2/28/2011			
2,4,6-Trichiorophenol	ND	0.01		mg/L	1	2/28/2011			
TCLP Volatile Organic Compounds by GC/M	IS SW13	11/8260B	(SW5030E) Prep	Date: 2/24/2011	Analyst: ART			
Benzene	ND	0.05	•	mg/L	10	2/25/2011			
2-Butanone	ND	0.2		mg/L	10	2/25/2011			
Carbon tetrachloride	ND	0.05		mg/L	10	2/25/2011			
Chlorobenzene	ND	0.05		mg/L	10	2/25/2011			
Chloroform	ND	0.05		mg/L	10	2/25/2011			
1,2-Dichloroethane	ND	0.05		mg/L	10	2/25/2011			
1,1-Dichloroethene	ND	0.05		mg/L.	10	2/25/2011			
Tetrachloroethene	ND	0.05		mg/L	10	2/25/2011			
Trichloroethene	ND	0.05		mg/L	10	2/25/2011			
Vinyl chloride	ND	0.05		mg/L	10	2/25/2011			
Cyanide, Total	SW90)12A		Pre	Date: 3/1/2011	Analyst: YZ			
Cyanide	ND	0.01		mg/L	1	3/1/2011			
Flash Point (Open-Cup)	SW10	10		Pre	Date: 2/28/2011	Analyst: RW			
• • • • • • • • • • • • • • • • • • • •	up to 212			°F .	1	2/28/2011			
pH	E150.	1		Pre	Date: 2/25/2011	Analyst: MNG			
рН	11.5		* 1	oH units	1	2/25/2011			
Phenolics	SW90)66 (SW9	065)	Prep	Date: 2/26/2011	Analyst BPJ			
Phenolics, Total Recoverable	4.8	0.5		mg/L	100	2/26/2011			
Sulfide, Reactive	SW7.	3.4.2		Pre	Date: 3/1/2011	Analyst: YZ			
Reactive Sulfide	ND	10		mg/L	1	3/1/2011			
тох	SW90	20B		Pre	Date: 3/1/2011	Analyst: YZ			
TOX	0.23	0.2		mg/L	1	3/1/2011			

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

STA1 Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-rnail address: STATinfola'STAT Analysis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tim	e Received	2/25/2011 11:30:00 AM
Work Order Number 11020477		Received by	CDF	
Checklist completed by. Signature Date	2/25/11	Reviewed by	Initials	2 28 II
Matrix Carner name	: FedEx			
Shipping container/cooler in good condition?	Yes 🗹	No 🔲	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗆	Not Present ✓	
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present ✓	
Chain of custody present?	Yes 🗹	No 🔲		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗌		
Samples in proper container/bottle?	Yes 🗹	No 🗀		
Sample containers intact?	Yes 🗹	No 🗀		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗀		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗆	Temperatu	re 18°C
Water - VOA vials have zero headspace? No VOA vials sul	bmitted \square	Yes 🗌	No 🗹	
Water - Samples pH checked?	Yes 🗹	No 🗆	Checked by:	CA.
Water - Samples properly preserved?	Yes 🗹	No 🗆	pH Adjusted?	10 6
Any No response must be detailed in the comments section below				
Any no response must be detailed in the comments section below		-		
Comments 2 of 3 VOA Vid	s For	Sample	46-6	ST Have
Headspace				
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Client / Person contacted. Date contacted		Cont	acted by	
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Response VOA VIOUS WIThout	reacisp	MGE M	THE MY	ted tor
analysis.				

Craig Chawla

From: Nissen, Carol [Carol.Nissen@tetratech.com]

it: Finday, February 25, 2011 1:14 PM

To: Craig Chawla

Subject: Liquid samples

HI Craig, please run the 2 liquid samples (L6-UST and ODC trench) for the following:

pH
flashpoint
cyanide total
sulfide total
phenolics total
total RCRA metals
TCLP metals
TCLP volatiles
TCLP semi-volatiles
% chlorine

Do a PCB if there is enough volume.

Thanks,

Carol Nissen, PG, PE | Environmental Engineer

ディは、012 201 7411(Main)312 201.7700 [Fax: 312 201 0031 これのAsen@acm com

🐪 🕜 ech j Chicago Office

zacks. Drive C7th Floor : Chicago, IL 60606 - www.tetratech.com

ASE NOTE. This message, including any attachments, may include privileged, confidential and/or an incremation. Any distribution or use of this communication by anyone other than the intended recipient please notify the later by replying to this message and then nelete a from your system.

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

March 08, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021-053-05, OMC, Waukegan, IL STAT Project No: 11030079

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 3/3/2011 10:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

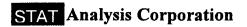
Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely.

Matia Ara

Catia Giannini Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: March 08, 2011

Client:	Tetra Tech EM Inc.	
Project:	103DG9021-053-05, OMC, Waukegan, IL	Work Order Sample Summary

Lab Order: 11030079

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030079-001A	AS-E1 03-01-11		3/1/2011	3/3/2011
11030079-002A	AS-N1 03-01-11		3/1/2011	3/3/2011
11030079-003A	AS-W1 03-01-11		3/1/2011	3/3/2011
11030079-004A	AS-S1 03-01-11		3/1/2011	3/3/2011
11030079-005A	AS-S1D 03-01-11		3/1/2011	3/3/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

March 08, 2011

Date Printed:

March 08, 2011

Tetra Tech EM Inc.

Project:

103DG9021-053-05, OMC, Waukegan, IL

Lab Order:

Lab ID:

Analyses

11030079-001

Collection Date: 3/1/2011

11030079

Client Sample ID

AS-E1 03-01-11

Matrix: Air

DF

Prep Date: 3/3/2011

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Result

23900

RL Qualifier Units

Analyst: RW

40 CFR PART 50 APP. J 100

μg/filter

Lab ID:

11030079-002

Collection Date: 3/1/2011

3/7/2011

Client Sample ID Analyses

AS-N1 03-01-11

Result

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

33200

Result

40 CFR PART 50 APP. J

100

Prep Date: 3/3/2011 µg/filter

Analyst: RW 3/7/2011

Lab ID:

11030079-003

Collection Date: 3/1/2011 Matrix: Air

Client Sample ID AS-W1 03-01-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 48400 100

Prep Date: 3/3/2011 µg/filter

Analyst: RW 3/7/2011

Lab ID:

Analyses

11030079-004

Collection Date: 3/1/2011

Matrix: Air

Analyses

Client Sample ID

AS-S1 03-01-11

Particulate Matter in Air

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter (as PM10)

39700

40 CFR PART 50 APP. J 100

Prep Date: 3/3/2011

Analyst: RW

Lab ID:

11030079-005

µg/filter

3/7/2011

Collection Date: 3/1/2011

Client Sample ID AS-S1D 03-01-11

Analyses

Result

RL Qualifier Units

Matrix: Air

Date Analyzed

Particulate Matter In Air

Particulate Matter (as PM10)

40500

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 3/3/2011

Analyst: RW 3/7/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STA7info@STAT4nalysis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tim	ne Received.	3/3/2011 10:30:00 AM
Work Order Number 11030079			Received by.	CDF	
Checklist completed by	Date	3/3/1,	Reviewed by	Initials	3 4 11 Date
Matrix	Carrier name	<u>FedEx</u>			
Shipping container/cooler in good condition?		Yes 🗹	No 🗌	Not Present	
Custody seals intact on shippping container/cod	oler?	Yes 🗌	No 🗌	Not Present	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Present	
Chain of custody present?		Yes 🗹	No 🗌		
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels/con	ntainers?	Yes 🛂	No 📋		
Samples in proper container/bottle?		Yes 🛂	No 🗌		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌		
All samples received within holding time?		Yes 🗹	No 🗌		
Container or Temp Blank temperature in compli	ance?	Yes 🗹	No 🗌	Temperatu	re Ambient °C
Water - VOA vials have zero headspace?	No VOA vials subn	nitted 🗌	Yes 🗌	No 🗀	
Water - Samples pH checked?		Yes 🗌	No 🗀	Checked by	
Water - Samples properly preserved?		Yes 🗌	No 🗌	pH Adjusted?	
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Any No response must be detailed in the comm	ients section below			_ · · ·	
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Client / Person contacted	Date contacted		Cont	acted by.	
Response					

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-

March 15, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021.053.05, OMC, Waukegan STAT Project No: 11030344

Dear Tom Hahne:

STAT Analysis received 1 sample for the referenced project on 3/15/2011 1:05:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Katelin Lewis

Project Mananger

Katele demis

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entitles named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: March 15, 2011

Client:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC, Waukegan

Work Order Sample Summary

Lab Order:

11030344

Lab Sample ID Client Sample ID

Tag Number

Collection Date

Date Received

11030344-001A Trench Effluent

3/15/2011 8:50:00 AM

3/15/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: March 15, 2011 Print Date: March 15, 2011

Client:

Tetra Tech EM Inc.

Client Sample ID: Trench Effluent

Lab Order:

11030344

Tag Number:

Project:

103DG9021.053.05, OMC, Waukegan

Collection Date: 3/15/2011 8:50:00 AM

Lab ID:

11030344-001A

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Da	te Analyzed
PCBs	SW80	82 (SW351	10C)	Prep	Date: 3/15	/2011	Analyst: OES
Arodor 1016	ND	0.0005		mg/L	1		3/15/2011
Arodor 1221	ND	0.0005		mg/L	1		3/15/2011
Arodor 1232	ND	0.0005		mg/L	1		3/15/2011
Arodor 1242	ND	0.0005		mg/L	1		3/15/2011
Arodor 1248	ND	0 0005		mg/L	1		3/15/2011
Arodor 1254	ND	0.0005		mg/L	1		3/15/2011
Arodor 1260	ND	0.0005		mg/L	1		3/15/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

STAT Analysis Corporation
22.42 W. Hurrson, Suite 200. Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: ST-4Tinfola \$1.4 T.Ancilysis.com AIH 4, NVLAP and NELAP accredited

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Received by (Signature)			Date/Lime						$D = H_2SO_4 + \pi HCl + H$						re (, -()	ther		Temperature: 5, 6 °C				



Sample Receipt Checklist

	Client Name TETRA CHICAGO	ame TETRA CHICAGO		Date and Time Received		3/15/2011 1:05 ⁻ 00 PM		
	Work Order Number 11030344			Received by	CDF			
	Checklist completed by Signature Date	3/19	11/11	Reviewed by	KL Initials	3 15 11		
	Martix Carrier name	STAT	- Analysis	_				
1								
	Shipping container/cooler in good coldition?	Yes	\checkmark	No 🗆	Not Present 📙			
	Custody seals intact on shippping container/cooler?	Yes		No 🗌	Not Present 🗹			
	Custody seals intact on sample bottles?	Yes		No 🗆	Not Present 🗹			
	Chain of custody present?	Yes	\checkmark	No 🗌				
	Chain of custody signed when relinquished and received?	Yes	\checkmark	No 🗆				
	Chain of custody agrees with sample labels/containers?	Yes	\checkmark	No 🗀				
	Samples in proper container/bottle?	Yes	$ \mathbf{Z} $	No 🗌				
	Sample containers intact?	Yes	\checkmark	No 🗌				
	Sufficient sample volume for indicated test?	Yes	V	No 🗌				
	All samples received within holding time?	Yes	V	No 🗀				
	Container or Temp Blank temperature in compliance?	26Y	V	No 🗆	Temperature	5.6 °C		
	Water - VOA vials have zero headspace? No VOA vials subn	nitted		Yes 📙	No 🗀			
	Water - Samples pH checked?	Yes		No 🗆	Checked by			
	Water - Samples properly preserved?	Yes		No 🗆	pH Adjusted?			
						•		
	Any No response must be detailed in the comments section below.							
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	Comments							
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	Client / Person contacted Date contacted.			Conte	acted by.			
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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

March 16, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021-053.05, OMC, Waukegan STAT Project No: 11030361

Dear Tom Hahne:

STAT Analysis received 1 sample for the referenced project on 3/16/2011 10:00:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely.

Katelin Lewis

Project Mananger

le devis

The information contained in this report and any attachments is confidential information intended only for the use of the Individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: March 16, 2011

Client:

Tetra Tech EM Inc.

Project:

103DG9021-053.05, OMC, Waukegan

Lab Order:

11030361

Work Order Sample Summary

Lab Sample ID Client Sample ID

Tag Number

Collection Date

Date Received

11030361-001A Trench-Effluent-PM

3/15/2011 2:30:00 PM

3/16/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: March 16, 2011 Print Date: March 16, 2011

Client:

Tetra Tech EM Inc.

Client Sample ID: Trench-Effluent-PM

Lab Order:

11030361

Tag Number:

Project:

103DG9021-053.05, OMC, Waukegan

Collection Date: 3/15/2011 2:30:00 PM

Lab ID:

11030361-001A

Matrix: Water

Analyses	Result	RL Qua	lifier Units	DF	Date Analyzed
PCBs	SW8082 (SW3510C)			Date: 3/16/2	2011 Analyst: GVC
Aroclor 1016	ND	0.0005	mg/L	1	3/16/2011
Arodor 1221	ND	0.0005	mg/L	1	3/16/2011
Aroclor 1232	ND	0.0005	mg/L	1	3/16/2011
Arodor 1242	ND	0.0005	mg/L	1	3/16/2011
Aroclor 1248	ND	0.0005	rng/L	1	3/16/2011
Arodor 1254	ND	0.0005	mg/L	1	3/16/2011
Aroclor 1260	ND	0.0005	mg/L	1	3/16/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo(a)STATAnalysis.com AIHA, NVLAP and NELAP accredited

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Project Number: 103 DG	90211	253	.4CRent	Trac	king	No.:						_									7/		
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Report To: Tom Hahn		Phone:									,	//	/,	//	//	//	//	/	/	//	//	//	Turn Around
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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tim	e Received:	3/16/2011 10:00:00 AM
Work Order Number 11030361	•	Received by:	CDF	
Checklist completed by:	3/16/11	Reviewed by:	Initials	3 110 11
Matrix: Carrier name:	<u>FedEx</u>			
Shipping container/cooler in good condition?	Yes 🗹	No 🗆	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗆	Not Present	
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present	Ø
Chain of custody present?	Yes 🗹	No 🗆		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗌		
Samples in proper container/bottle?	Yes 🗹	No 🗌		
Sample containers intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗆	Temper	ature 1.6 °C
Water - VOA vials have zero headspace? No VOA vials subm	itted 🛍	Yes 💹	No 🗐	
Water - Samples pH checked?	Yes 🕅	No 🗃	Checked by:	
Water - Samples properly preserved?	Yes 🚇	No 🖼	pH Adjusted?	
Any No response must be detailed in the comments section below.				
Comments:				
Client / Person				
Contacted: Date contacted: Response:		Conta	cted by:	

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

March 22, 2011

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor Chicago, IL 60606

Telephone: (312) 946-6474

Fax:

(312) 938-0118

RE: 103DG902L053-05, OMC, Waukegan

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 3/15/2011 1:25:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

STAT Project No: 11030347

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Latia Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: March 22, 2011

Client:	Tetra Tech EM Inc.	

Project: 103DG902L053-05, OMC, Waukegan Work Order Sample Summary

Lab Order: 11030347

	1.0	1.00		
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030347-001A	AS-S1-03-10-11		3/10/2011	3/15/2011
11030347-002A	AS-S1D-03-10-11		3/10/2011	3/15/2011
11030347-003A	AS-E1-03-10-11		3/10/2011	3/15/2011
11030347-004A	AS-N1-03-10-11		3/10/2011	3/15/2011
11030347-005A	AS-W1-03-10-11		3/10/2011	3/15/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

March 22, 2011

Date Printed:

March 22, 2011

Tetra Tech EM Inc.

Project:

103DG902L053-05, OMC, Waukegan

Lab Order:

11030347

Lab ID:

Analyses

11030347-001

Collection Date: 3/10/2011

Client Sample ID

AS-S1-03-10-11

Matrix: Filter

Date Analyzed

Result

RL Qualifier Units

DF Prep Date: 3/15/2011

Analyst: RW

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 17300

Result

16900

100

µg/filter

3/21/2011

Lab ID:

11030347-002

Collection Date: 3/10/2011

Client Sample ID Analyses

AS-S1D-03-10-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Prep Date: 3/15/2011

Analyst: RW

µg/filter

Matrix: Filter

3/21/2011

Lab ID:

11030347-003

Collection Date: 3/10/2011

Client Sample ID Analyses

AS-E1-03-10-11

40 CFR PART 50 APP. J

100

RL Qualifier Units

Matrix: Filter DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

Particulate Matter (as PM10)

16400

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 3/15/2011

Analyst: RW

11030347-004

3/21/2011

Lab ID:

Collection Date: 3/10/2011 Matrix: Filter

Analyses

Client Sample ID AS-N1-03-10-11

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

15500

100

µg/filter

Prep Date: 3/15/2011

DF

Analyst: RW 3/21/2011

Lab ID:

11030347-005

Analyses

Client Sample ID AS-W1-03-10-11

Matrix: Filter

Collection Date: 3/10/2011

Result

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

18000

40 CFR PART 50 APP. J 100

Prep Date: 3/15/2011 µg/filter

Analyst: RW 3/21/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

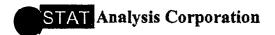
R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

Nº: 834320 **CHAIN OF CUSTODY RECORD** Page: Tetra Tech P.O. No.: Company: 103 D69021053.05 Project Number: Client Tracking No.: Project Name: Ouote No.: Project Location: Sampler(s): CONDINISSIL Phone: Report To: Tom Hz hn Turn Around. Fax: NACMAC e-mail: QC Level: 1 Results Needed No. of Time Grab ลภ\/กก Client Sample Number/Description: Date Taken Taken Containers Lab No. Remarks AS-51-03-10-11 03-10-1 8 AS- 51D-03-10-11 15- E1-03-10-11 15- NI-03-10-11 45-W1-03-10-11 Laboratory Work OrdectNo: Date/Fime: 13 - 15-1 Relinquished by (Signature) Comments: es report a my/Folter Received by: (Signature) Date/Time: _3-Relinquished by. (Signature) Received by. (Signature) Date/Time. 31511 Date/Time Relinquished by: (Signature) Preservation Code: A = None B = HNO₃ C = NaOH $D = H_2SO_4$ E = HC F = 5035/EnCore G = OtherReceived by: (Signature) Date/Time



Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tin	ne Received:	3/15/2011 1:25:00 PM
Work Order Number 11030347		Received by:		
Checklist completed by: Kattle Security Date	3/15/11	Reviewed by	initials CK	3/14/11 Date
Matrix: Carrier name	: STAT Analysis			
Shipping container/cooler in good condition?	Yes 🔀	No 🗆	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗆	Not Present	
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present	
Chain of custody present?	Yes 🗹	No 🗀		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗆		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers Intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗆	Temperatu	re Ambient °C
Water - VOA vials have zero headspace? No VOA vials sub	mitted 🗐	Yes 🖾	No 🖽	
Water - Samples pH checked?	Yes 🖾	No 🗃	Checked by:	
Water - Samples properly preserved?	Yes 🖾	No 🖾	pH Adjusted?	
Any No response must be detailed in the comments section below.				
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Comments:		- September 11	. ,	
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	** ** **	THE SERVE STATES		·
,				
Client / Person Date contacted:		Conta	octed by:	
Response:	. • • • • • •			
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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-

March 22, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103DG9021-053-05, OMC, Waukegan STAT Project No: 11030438

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 3/18/2011 9:45:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

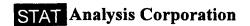
Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, batia Lea

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entitles named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This enalytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: March 22, 2011

Client: Tetra Tech EM Inc.

Project: 103DG9021-053-05, OMC, Waukegan Work Order Sample Summary

Lab Order: 11030438

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030438-001A	AS-S1-03-16-11		3/16/2011	3/18/2011
11030438-002A	AS-S1D-03-16-11		3/16/2011	3/18/2011
11030438-003A	AS-E1-03-16-11		3/16/2011	3/18/2011
11030438-004A	AS-N1-03-16-11		3/16/2011	3/18/2011
11030438-005A	AS-W1-03-16-11		3/16/2011	3/18/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

March 22, 2011

Date Printed:

Lab Order:

Collection Date: 3/16/2011

Matrix: Air

March 22, 2011

11030438

Client:

Tetra Tech EM Inc.

Project:

Lab ID:

Analyses

103DG9021-053-05, OMC, Waukegan

Client Sample ID

11030438-001

AS-S1-03-16-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

53200

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 3/18/2011

Analyst: RW

Lab ID:

11030438-002

Collection Date: 3/16/2011

3/21/2011

Client Sample ID Analyses

AS-S1D-03-16-11

Result

100

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

57400

40 CFR PART 50 APP. J

μg/filter

Prep Date: 3/18/2011

Analyst RW

Lab ID:

11030438-003

3/21/2011

Client Sample ID

AS-E1-03-16-11

Result

29400

RL Qualifier Units

Collection Date: 3/16/2011

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 3/18/2011

Analyst: RW

Analyses

Collection Date: 3/16/2011

3/21/2011

Lab ID:

Analyses

11030438-004 AS-N1-03-16-11

Matrix: Air

DF

Client Sample ID

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J 17500

100

µg/filter

Prep Date: 3/18/2011

Analyst: RW 3/21/2011

11030438-005

Collection Date: 3/16/2011

Lab ID:

Analyses

AS-W1-03-16-11

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air

Client Sample ID

40 CFR PART 50 APP. J

3/21/2011

Particulate Matter (as PM10)

59400

Result

100

Prep Date: 3/18/2011 µg/filter

Analyst: RW

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

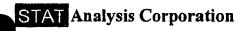
H - Holding time exceeded

Page 3 of 5

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

Nº: 834322 **CHAIN OF CUSTODY RECORD** Page: Tetratech P.O. No.: Company: 03 D G 9021-053.05 Client Tracking No.: Project Number: Project Name: Ouote No.: Project Location: Sampler(s): Report To: Phone: Turn Around Fax: QC Level: 1 e-mail: Results Needed Comp. Grab No. of Time am/pm Client Sample Number/Description: Date Taken Taken Containers Lab No. Remarks 13:16-11 E1-03-16-11 Date/Time: 03-17-11/600 | Comments: Laboratory Work Order No.: Relinquished by (Signature Regulas ug/fitter -Date/Time 3/18/11 9115 Received by (Signature) Relinquished by: (Signature) Date/Time Received by. (Signature) Date/Time Relinquished by: (Signature) Date/Time Preservation Code: A = None B = HNO3 C = NaOH $D = H_2SO_4$ E = HCI F = 5035/EnCore G = OtherReceived by. (Signature) Date/Time

Page 4 of S



Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tin	ne Received:	3/18/2011 9:45:00 AM
Work Order Number 11030438		Received by:	CDF	
Checklist completed by:	3/15/11	Reviewed by	initials (3)2111 Date
Matrix: Carrier name:	FedEx			
Shipping container/cooler in good condition?	Yes 🔽	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗆	Not Present	\square
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present	$ \mathbf{Z} $
Chain of custody present?	Yes 🗹	No 🗆		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗆		
Samples in proper container/bottle?	Yes 🗹	No 🗌		
Sample containers intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temper	ature Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	uitted 🗃	Yes 🖼	No 🗷	
Water - Samples pH checked?	Yes 🗿	No 🖾	Checked by.	
Water - Samples properly preserved?	Yes 🖼	No 🕮	pH Adjusted?	
Any No response must be detailed in the comments section below.				
Comments:				
Client / Person Date contacted:		Conta	cted by:	
Response:				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

April 11, 2011

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor Chicago, IL 60606

Telephone: (312) 946-6474

Fax:

(312) 938-0118

RE:

103DG9021.053.05, OMC, Waukegan

STAT Project No: 11040064

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 4/4/2011 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Katelin Lewis

Project Mananger

Katile Juis

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entitles named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: April 11, 2011

Work Order Sample Summary

Client: Tetra Tech EM Inc.

Project: 103DG9021.053.05, OMC, Waukegan

Lab Order: 11040064

Lab Sample ID Client Sample ID	Tag Number	Collection Date	Date Received
11040064-001A AS-S1 03-30-11		3/30/2011	4/4/2011
11040064-002A AS-S1D 03-30-11		3/30/2011	4/4/2011
11040064-003A AS-E1 03-30-11		3/30/2011	4/4/2011
11040064-004A AS-N1 03-30-11		3/30/2011	4/4/2011
11040064-005A AS-W1 03-30-11		3/30/2011	4/4/2011

Date: April 11, 2011

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC, Waukegan

Lab Order:

11040064

CASE NARRATIVE

The following filter was received damaged and/or torn: AS-S1D 03-30-11 (11040064-002)

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: April 11, 2011 Date Printed: April 11, 2011

Lab Order: 11040064

Matrix: Air

DF

DF

Client:

Tetra Tech EM Inc.

Project:

103DG9021.053.05, OMC, Waukegan

Lab ID:

11040064-002

11040064-003

11040064-004

Client Sample ID:AS-S1 03-30-11

11040064-001

Analyses

Particulate Matter in Air Particulate Matter (as PM10)

Lab ID:

Client Sample ID:AS-S1D 03-30-11

Analyses

Particulate Matter in Air Particulate Matter (as PM10)

Lab ID:

Client Sample ID:AS-E1 03-30-11

Analyses

Particulate Matter in Air Particulate Matter (as PM10)

Lab ID:

Analyses

Analyses

Qualifiers:

Client Sample ID:AS-N1 03-30-11

Particulate Matter in Air

Particulate Matter (as PM10)

Lab ID:

11040064-005 Client Sample ID: AS-W1 03-30-11

Particulate Matter in Air Particulate Matter (as PM10)

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

HT - Sample received past holding time

* - Non-accredited parameter

Result

24900

Result

25100

Result

16100

Result

10900

Result

Collection Date 3/30/2011

RL Qualifier Units

40 CFR PART 50 APP. J Prep Date: 4/4/2011

100

µg/filter

Collection Date 3/30/2011 Matrix: Air

RL Qualifier Units

RL Qualifier Units

100

40 CFR PART 50 APP. J

40 CFR PART 50 APP. J

100

100

40 CFR PART 50 APP. J

Prep Date: 4/4/2011 µg/filter

Collection Date 3/30/2011

Matrix: Air Date Analyzed

Date Analyzed

Analyst RW

4/6/2011

Date Analyzed

Analyst: RW

4/6/2011

4/6/2011

Prep Date: 4/4/2011 Analyst: RW

µq/filter

DF

Collection Date 3/30/2011 Matrix: Air

RL Qualifier Units

Date Analyzed

Analyst: RW Prep Date: 4/4/2011 4/6/2011

Collection Date 3/30/2011

Matrix: Air RL Qualifier Units

µg/filter

Date Analyzed

40 CFR PART 50 APP. J 200000

100

Prep Date: 4/4/2011 μg/filter

Analyst: RW 4/6/2011

B - Analyte detected in the associated Method Blank

Page 4 of 6

RL - Reporting / Quantitation Limit for the analysis

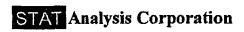
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits E - Value above quantitation range

H - Holding time exceeded

STAT alysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com AIHA, NYLAP and NELAP accredited

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Project Location: Waukegu													/	//	//	//	//	//	///	//	//	
Sampler(s): Carol WJJ												//	\mathbb{Z}	//	//	//	//	//	///	//		
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Received by (Signature)		Date/	Time				$D = H_2SO_4$ $E = HCl$ $F = 5035/EnCore$ $G = Other$							Temperature:								



Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Tin	ne Received:	4/4/2011 9:30:00 AM
Work Order Number 11040064			Received by:	CDF	ì
Checklist completed by:	u/c	7/11	Reviewed by	: CG	4511 Date
Matrix: Carrier name:	FedE	<u>Ex</u>			1
Shipping container/cooler in good condition?	Yes	\checkmark	No 🗆	Not Present	
Custody seals intact on shippping container/cooler?	Yes		No 🗌	Not Present 🗹	
Custody seals intact on sample bottles?	Yes		No 🗆	Not Present	
Chain of custody present?	Yes		No 🗌		
Chain of custody signed when retinquished and received?	Yes		No 🗌		
Chain of custody agrees with sample labels/containers?	Yes	$ \mathbf{V} $	No 🗌		
Samples in proper container/bottle?	Yes		No 🗆		
Sample containers intact?	Yes	$ \mathbf{\nabla}$	No 🗌		
Sufficient sample volume for indicated test?	Yes	$ \mathbf{V} $	No 🗆		
All samples received within holding time?	Yes	$ \mathbf{Z} $	No 🗆		
Container or Temp Blank temperature in compliance?	Yes	$ \mathbf{V} $	No 🗌	Temperature	Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	itted	P	Yes 🕾	No 🖫	
Water - Samples pH checked?	Yes	33	No 🗃	Checked by:	, , , _ , _ , _ , _ , _ , _ , _ , _ , _
Water - Samples properly preserved?	Yes	P	No 🖾	pH Adjusted?	
Any No response must be detailed in the comments section below.					
Comments:					
Client / Person contacted: Date contacted:			Conta	acted by:	
Response:					

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

April 22, 2011

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021067.08, OMC, Waukegan

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 4/18/2011 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

STAT Project No: 11040617

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Matiau Ara

Catia Giannini Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: April 22, 2011

Client: Project: Lab Order:	Tetra Tech EM Inc. 103DG9021067.08, OMC 11040617	C, Waukegan	Work Order Sample Summary							
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received						
11040617-001A	AS-S1 04-13-11		4/13/2011	4/18/2011						
11040617-002A	AS-S1D 04-13-11		4/13/2011	4/18/2011						
11040617-003A	AS-E1 04-13-11		4/13/2011	4/18/2011						
11040617-004A	AS-N1 04-13-11		4/13/2011	4/18/2011						
11040617-005A	AS-W1 04-13-11		4/13/2011	4/18/2011						

Date: April 22, 2011

CLIENT:

Tetra Tech EM Inc.

Project:

103DG9021067.08, OMC, Waukegan

Lab Order:

11040617

CASE NARRATIVE

The following filters were received damaged and/or torn:

AS-N1 04-13-11 (11040617-004)

AS-W1 04-13-11 (11040617-005)

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

April 22, 2011

Date Printed:

April 22, 2011

	ient:	
•		

Tetra Tech EM Inc.

Project:

103DG9021067.08, OMC, Waukegan

Lab Order: 11040617

Lab ID:

11040617-001

Collection Date: 4/13/2011

Client Sample ID

AS-S1 04-13-11

Matrix: Filter DF

Date Analyzed

Analyses

Result

30400

RL Qualifier Units

Prep Date: 4/18/2011

Analyst: RW

Analyses

40 CFR PART 50 APP. J 100

µg/filter

4/20/2011

Lah ID:

11040617-002

Collection Date: 4/13/2011

Client Sample ID

AS-S1D 04-13-11

RL Qualifier Units

Matrix: Filter DF

Date Analyzed

Particulate Matter in Air

Particulate Matter in Air Particulate Matter (as PM10)

Result

Prep Date: 4/18/2011 Analyst: RW

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 33400

µg/filter

4/20/2011

Lab ID: Client Sample ID 11040617-003

Collection Date: 4/13/2011 Matrix: Filter

Analyses

AS-E1 04-13-11

100

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

87600

Result

40 CFR PART 50 APP. J 100

µg/filter

Prep Date 4/18/2011

Analyst RW 4/20/2011

Lab ID:

Analyses

11040617-004

Collection Date: 4/13/2011

Client Sample ID

AS-N1 04-13-11

Matrix: Filter

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP, J 32600

Result

100

µg/filter

Prep Date: 4/18/2011

Analyst: RW 4/20/2011

Lab ID:

11040617-005

Collection Date: 4/13/2011

RL Oualifier Units

Client Sample ID AS-W1 04-13-11

Analyses

Matrix: Filter

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Result

120000

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 4/18/2011

Analyst: RW

4/20/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Page 4 of 6

alysis Corporation 242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (3.2, 733-2386

e-mail address: STATinfo(a)STATAnalysis.com AIHA, NVLAP and NELAP accredited

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Company: Tetra Tech								P.O.	. No.	:				,								
Project Number: 103 D69	02/00	67-08	Client	Tracl	king l	No.:						_					7	Z				
Project Name: OMC								Quo	te N	o.:				//	//	//	//	//	//	///	/	
Project Location: Wante ga Sampler(s): Charol W. 51														//	//	//	//	/	//	///	/	
Sampler(s): Charol W 55	-											_/	//	/	//	//	//	\mathbb{Z}	//	///	//	
Report To:		Phone:]			_	//	//		//	//	//	\mathcal{I}	//	///	//	Turn Around
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AS- E1 04-13-11	 			X			<u></u>	1						\perp			1	\sqcup				003
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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tin	ne Received [.]	4/18/2011 9:30:00 AM
Work Order Number 11040617		Received by:	CDF	
Checklist completed by Signature Date	4/16/11	Reviewed by	iniliais	419111 Date
Matrix: Carrier name:	<u>FedEx</u>			
Shipping container/cooler in good condition?	Yes 🗹	No 🗆	Not Present]
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present	2
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present	2
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗆		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers Intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗆	Temperat	ture Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	itted 🔟	Yes 🛎	No 🖾	
Water - Samples pH checked?	Yes 👪	No 🕮	Checked by:	National Control of the Control of t
Water - Samples properly preserved?	Yes 🏚	No 🗟	pH Adjusted?	
Any No response must be detailed in the comments section below.	=====		====	
Comments:				
Client / Person Contacted: Date contacted.		Conte	acted by:	
Response:				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

May 10, 2011

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor Chicago, IL 60606

Telephone: (312) 856-8700

Fax:

(312) 938-0118

RE: 103DG9021.053.08, OMC, Waukegan

STAT Project No: 11050183

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 5/5/2011 10:00:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Vatia Sia Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: May 10, 2011

Client:	Tetra Tech EM Inc.

Project: 103DG9021.053.08, OMC, Waukegan Work Order Sample Summary

Lab Order: 11050183

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11050183-001A	AS-S1-05-02-11		5/2/2011	5/5/2011
11050183-002A	AS-S1D-05-02-11		5/2/2011	5/5/2011
11050183-003A	AS-N1-05-02-11		5/2/2011	5/5/2011
11050183-004A	AS-W1-05-02-11		5/2/2011	5/5/2011
11050183-005A	AS-E1-05-02-11		5/2/2011	5/5/2011

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: May 10, 2011

Date Printed: May 10, 2011

Tetra Tech EM Inc.						
103DG9021.053.08, OM	IC, Waukegan			Lab Order	r: 11050183	
11050183-001			Coll	ection Date	e: 5/2/2011	
AS-S1-05-02-11				Matri	k: Air	
	Result	RL	Qualifier	Units	DF	Date Analyzed
in Air as PM10)	40 CFR 39400	PART 5	0 APP. J	Prep l µg/filter	Date: 5/5/2011 1	Analyst ⁻ RW 5/9/2011
11050183-002			Coll	ection Date	e: 5/2/2011	
AS-S1D-05-02-11				Matri	c: Air	
	Result	RL	Qualifier	Units	DF _	Date Analyzed
in Air	40 CFR	PART 5	O APP. J	Prep I	Date: 5/5/2011	Analyst: RW
as PM10)	41500	100		µg/filter	1	5/9/2011
11050183-003			Coll	ection Date	e: 5/2/2011	
AS-N1-05-02-11				Matri	k: Air	
	Result	RL	Qualifier	Units	DF	Date Analyzed
in Air	40 CFR	PART 5	60 APP. J	Prep I	Date: 5/5/2011	Analyst: RW
as PM10)	2200	100		µg/filter	1	5/9/2011
11050183-004			Coll	ection Date	e: 5/2/2011	
AS-W1-05-02-11				Matri	k: Air	
	Result	RL	Qualifier	Units	DF	Date Analyzed
in Air as PM10)	40 CFR 26900	PART 5	0 APP. J	Prep i µg/filter	Date: 5/5/2011 1	Analyst: RW 5/9/2011
11050183-005			Coll	ection Date	e: 5/2/2011	
AS-E1-05-02-11				Matri	k: Air	
	Result	RL	Qualifier	Units	DF	Date Analyzed
in Air as PM10)	40 CFR 6200	PART 5	60 APP. J	Prep µg/filter	Date: 5/5/2011	Analyst: RW 5/9/2011
	103DG9021.053.08, OM 11050183-001 AS-S1-05-02-11 in Air as PM10) 11050183-002 AS-S1D-05-02-11 in Air as PM10) 11050183-003 AS-N1-05-02-11 in Air as PM10) 11050183-004 AS-W1-05-02-11 in Air as PM10)	103DG9021.053.08, OMC, Waukegan 11050183-001 AS-S1-05-02-11 Result in Air as PM10) 39400 11050183-002 AS-S1D-05-02-11 Result in Air as PM10) 40 CFR 41500 11050183-003 AS-NI-05-02-11 Result in Air as PM10) 2200 11050183-004 AS-W1-05-02-11 Result in Air as PM10) 26900 11050183-005 AS-E1-05-02-11 Result in Air as PM10) 40 CFR AS-W1-05-02-11 Result	103DG9021.053.08, OMC, Waukegan 11050183-001 AS-S1-05-02-11 In Air As PM10) 11050183-002 AS-S1D-05-02-11 Result AU CFR PART 5 AS PM10) 11050183-003 AS-N1-05-02-11 Result Result RL In Air AS PM10) 11050183-004 AS-W1-05-02-11 Result Result RL In Air AS PM10) 11050183-004 AS-W1-05-02-11 Result Result RL In Air AG CFR PART 5 AG CFR PA	103DG9021.053.08, OMC, Waukegan 11050183-001	103DG9021.053.08, OMC, Waukegan	103DG9021.053.08, OMC, Waukegan 1050183-001 AS-S1-05-02-11 Result Result RESULT Result RESULT

Qualifiers:

ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo(a)STATAnalysis.com

AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tin	ne Received:	5/5/2011 10:00:00 AM
Work Order Number 11050183		Received by	CDF	,
Checkilist completed by:	515/11	Reviewed by	:	5 6 11
Matrix: Carrier name.	FedEx			1
Stapping container/cooler in good condition?	Yes 🗹	No 🗆	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present 🗹	
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present 🗹	
Chain of custody present?	Yes 🗹	No 🗆		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗌		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers intact?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temperature	e Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	nitted 🖼	Yes 🖼	No 🔊	
Water - Samples pH checked?	Yes 🖾	No 🗐	Checked by:	
Water - Samples properly preserved?	Yes 🔯	No 🗵	pH Adjusted?	
Any No response must be detailed in the comments section below.				
Comments:	-			
Client / Person Date contacted:		Conta	acted by:	
Response:				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

June 14, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103DG9021-053.08, OMC, Waukegan STAT Project No: 11060265

Dear Carol Nissen:

STAT Analysis received 8 samples for the referenced project on 6/9/2011 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards.

Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Jatia And

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



103DG9021-053.08, OMC, Waukegan

Date: June 14, 2011

Work Order Sample Summary

Client:	Tetra Tech FM Inc		

Lab Order: 11060265

Project:

	• • •		_	
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11060265-001A	AS-S1-6-1-11		6/1/2011	6/9/2011
11060265-002A	AS-S1D-6-1-11		6/1/2011	6/9/2011
11060265-003A	AS-E1-6-1-11		6/1/2011	6/9/2011
11060265-004A	AS-S1-6-7-11		6/7/2011	6/9/2011
11060265-005A	AS-S1D-6-7-11		6/7/2011	6/9/2011
11060265-006A	AS-N1-6-7-11		6/7/2011	6/9/2011
11060265-007A	AS-E1-6-7-11		6/7/2011	6/9/2011
11060265-008A	AS-W1-6-7-11		6/7/2011	6/9/2011

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

June 14, 2011

Date Printed:

June 14, 2011

Tetra Tech EM Inc.

Project:

103DG9021-053.08, OMC, Waukegan

Lab Order:

11060265

Lab ID:

11060265-001

Collection Date: 6/1/2011

Client Sample ID

AS-S1-6-1-11

Matrix: Air

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Prep Date: 6/9/2011

Analyst: JP

Particulate Matter (as PM10)

38300

40 CFR PART 50 APP. J 100

µg/filter

6/10/2011

Lab ID:

11060265-002

Collection Date: 6/1/2011

DF

Client Sample ID AS-S1D-6-1-11

Matrix: Air

Analyses

Result

65600

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

Client Sample ID AS-E1-6-1-11

40 CFR PART 50 APP. J

Prep Date: 6/9/2011 µg/filter

Analyst: JP

100

6/10/2011

Lab ID:

11060265-003

Collection Date: 6/1/2011

Analyses

Result

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

23200

40 CFR PART 50 APP. J 100

Prep Date: 6/9/2011

Analyst: JP

11060265-004 AS-S1-6-7-11

µg/filter

6/10/2011

Lab ID:

Collection Date: 6/7/2011

Matrix: Air

Analyses

Client Sample ID

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

72900

40 CFR PART 50 APP. J

100

Prep Date: 6/9/2011

Analyst: JP

6/10/2011

Particulate Matter (as PM10) Lab ID:

11060265-005

μg/filter Collection Date: 6/7/2011

Client Sample ID Analyses

AS-S1D-6-7-11

RL Qualifier Units

Matrix: Air DF

Result

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 90100

100

Prep Date: 6/9/2011 µg/filter

Analyst: JP 6/10/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

June 14, 2011

Date Printed:

June 14, 2011

Client:	
Project:	

Tetra Tech EM Inc.

103DG9021-053.08, OMC, Waukegan

Lab Order: 11060265

Lab ID: Client Sample ID 11060265-006

Collection Date: 6/7/2011

Matrix: Air

Analyses

AS-N1-6-7-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10) 40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 6/9/2011

Analyst: JP

Lab ID:

11060265-007

6/10/2011

Client Sample ID

AS-E1-6-7-11

Matrix: Air

Collection Date: 6/7/2011

Analyses

Result

Result

52100

RL Qualifier Units

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

µg/filter

Prep Date: 6/9/2011

Analyst: JP

Lab ID:

11060265-008

61800 100

6/10/2011

Client Sample ID

Analyses

AS-W1-6-7-11

Collection Date: 6/7/2011 Matrix: Air

Date Analyzed

Particulate Matter in Air

Result

RL Qualifier Units

DF

Analyst: JP

Particulate Matter (as PM10)

72500

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 6/9/2011

6/10/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

2141 PlatySis Corporation 2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

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Company: Tetra Tech							P.O	. No.	.:											,			
Project Number: 103 D (- 9021-053	<u>,08</u>	Client	Tracl	king	No.:										//	//	//	//	//	//	//	/	
Project Name: UMC						Quo	te N	q .:		ı		/	//	//	//	//	//	//	//	//	/		
Project Location: Waukegan]	,	/,	/,	//	//	//	//	//	//	//	/		
Sampler(s): Carl NF35-												/,	/,	/,	//	//	//	//	//	//		//	
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Received by. (Signature) Date/Time						-1	Preservation Code: $A = None$ $B = HNO_1$ $C = NaOH$ $D = H_2SO_4 E = HCI F = 5035/EnCore G = Other$								hierd ^C								

Sample Receipt Checklist

Client Name TETRA CHICAGO	Date and Tin	ne Received:	6/9/2011 9:30:00 AM			
Work Order Number 11060265		Received by:	CDF			
Checklist completed by: Signature Data	6/9/11	Reviewed by	Initials	G IO II		
Matrix Carrier name:	<u>FedEx</u>					
Shipping container/cooler in good condition?	Yes 🗹	No 🗆	Not Present			
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present 🗹			
Custody seals intact on sample bottles?	Yes 🗌	No 🗆	Not Present			
Chain of custody present?	Yes 🗹	No 🗌				
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗔				
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗌				
Samples in proper container/bottle?	Yes 🗹	No 🗌				
Sample containers intact?	Yes 🗹	No 🗌				
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆				
All samples received within holding time?	Yes 🗹	No 🗌				
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temperature	Ambient °C		
Water - VOA vials have zero headspace? No VOA vials subm	itted 🗷	Yes 🖽	No 🕮			
Water - Samples pH checked?	Yes 🖾	No 🗷	Checked by:			
Water - Samples properly preserved?	Yes 🗐	No 🖾	pH Adjusted?	10 14		
Any No response must be detailed in the comments section below.	=====		======			
Comments:						
Client / Person Contacted: Date contacted: Response:		Conta	cted by:			

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-

June 24, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

103DG9021.053.08, OMC, Waukegan

STAT Project No: 11060543

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 6/20/2011 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Latia Sincerely,

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: June 24, 2011

Work Order Sample Summary

Client:	Tetra Tech EM Inc.			

Project: 103DG9021.053.08, OMC, Waukegan **Lab Order:** 11060543

					-
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received	
11060543-001A	AS-S1 06-16-11		6/16/2011	6/20/2011	
11060543-002A	AS-S1D 06-16-11		6/16/2011	6/20/2011	
11060543-003A	AS-E1 06-16-11		6/16/2011	6/20/2011	
11060543-004A	AS-N1 06-16-11		6/16/2011	6/20/2011	
11060543-005A	AS-W1 06-16-11		6/16/2011	6/20/2011	

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

June 24, 2011

Date Printed:

June 24, 2011

Tetra Tech EM Inc.

Project:

103DG9021.053.08, OMC, Waukegan

Lab Order:

11060543

Lab ID:

11060543-001

Collection Date: 6/16/2011

Client Sample ID

AS-S1 06-16-11

Matrix: Air

DF

Date Analyzed

Analyses

Result

RL Qualifier Units

Particulate Matter in Air

40 CFR PART 50 APP. J

Prep Date: 6/20/2011

Analyst: JP

Particulate Matter (as PM10)

32100

100

µg/filter

6/23/2011

Lab ID:

Analyses

11060543-002

Collection Date: 6/16/2011

Matrix: Air

Client Sample ID

AS-S1D 06-16-11

Result

RL Qualifier Units

DE **Date Analyzed**

Particulate Matter in Air

40 CFR PART 50 APP. J

Prep Date: 6/20/2011 Analyst: JP

Particulate Matter (as PM10)

30200

100

μg/filter

6/23/2011

Lab ID:

11060543-003

Collection Date: 6/16/2011

Analyses

Client Sample ID AS-E1 06-16-11

Result

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

26000

40 CFR PART 50 APP. J 100

Prep Date: 6/20/2011

Analyst: JP

µg/filter

6/23/2011

Lab ID:

Analyses

11060543-004

Collection Date: 6/16/2011

Matrix: Air

Client Sample ID AS-N1 06-16-11

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10) 16700

40 CFR PART 50 APP. J

Prep Date: 6/20/2011

Analyst: JP

11060543-005

100

6/23/2011

Lab ID:

AS-W1 06-16-11

Matrix: Air

DF

Analyses

Client Sample ID

Result

RL Qualifier Units

Collection Date: 6/16/2011

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

22200

40 CFR PART 50 APP. J 100

µg/filter

Prep Date: 6/20/2011

Analyst: JP 6/23/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

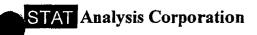
H - Holding time exceeded

711aty 515 Oi polation 2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo(a)STATAnalysis.com

AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO			Date and Ti	me Received	: 6/20/2011 9:30:00 AM
Work Order Number 11060543	7		Received by	CDF	1
Checklist completed by: Signature Date	G	120/11	Reviewed by	/initials	Clo 6/21/11
Matrix Carrier name:	FedE	<u>Ex</u>			
Shipping container/cooler in good condition?	Yes	V	No 🗌	Not Presen	ut 🗆
Custody seals intact on shippping container/cooler?	Yes		No 🗌	Not Presen	t 🗹
Custody seals intact on sample bottles?	Yes		No 🗆	Not Presen	t 🗹
Chain of custody present?	Yes	$ \mathbf{Z} $	No 🗌		
Chain of custody signed when relinquished and received?	Yes	\checkmark	No 🗌		
Chain of custody agrees with sample labels/containers?	Yes	$ \mathbf{Z} $	No 🗌		
Samples in proper container/bottle?	Yes	\checkmark	No 🗆		
Sample containers intact?	Yes	\checkmark	No 🗌		
Sufficient sample volume for indicated test?	Yes	$ \mathbf{\nabla}$	No 🗀		
All samples received within holding time?	Yes	\checkmark	No 🗆		
Container or Temp Blank temperature in compliance?	Yes	\checkmark	No 🗆	Temp	erature Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	itted	[6]	Yes 🖾	No 🖺	
Water - Samples pH checked?	Yes		No 🖾	Checked b	ру:
Water - Samples properly preserved?	Yes		No 🗷	pH Adjusted	d?
Any No response must be detailed in the comments section below.				====:	
Comments:				A-10-20	
Client / Person Date contacted			Cont	acted by:	
Response:		 			
			"		

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

July 08, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700

(212) 020 0110

Fax:

(312) 938-0118

RE: 103DG9021.167.08, OMC, Waukegan, IL

STAT Project No: 11070093

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 7/5/2011 3:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Acai

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: July 08, 2011

Project: 103DG9021.167.08, OMC, Waukegan, IL Work Order Sample Summary

Lab Order: 11070093

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11070093-001A	AS-S1-06-29-11		6/29/2011	7/5/2011
11070093-002A	AS-S1D-06-29-11		6/29/2011	7/5/2011
11070093-003A	AS-E1-06-29-11		6/29/2011	7/5/2011
11070093-004A	AS-W1-06-29-11		6/29/2011	7/5/2011
11070093-005A	AS-N1-06-29-11		6/29/2011	7/5/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP 1L300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

July 08, 2011

Date Printed:

July 08, 2011

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Tetra Tech EM Inc.

Project:

103DG9021.167.08, OMC, Waukegan, IL

Lab Order:

11070093

Lab ID:

11070093-001

Collection Date: 6/29/2011

Units

Matrix: Air

Client Sample ID Analyses

AS-S1-06-29-11

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

19800

Result

40 CFR PART 50 APP. J

RL Qualifier

Prep Date: 7/5/2011 ua/filter

Analyst: JP

Lab ID:

11070093-002

100

7/7/2011

Client Sample ID

Collection Date: 6/29/2011

Analyses

AS-S1D-06-29-11

RL Qualifier Units Result

100

100

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP, J

Prep Date: 7/5/2011 µg/filter

Analyst: JP

Lab ID:

11070093-003

16800

Result

15200

Result

Collection Date: 6/29/2011

7/7/2011

Client Sample ID

Analyses

AS-E1-06-29-11

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10) 40 CFR PART 50 APP. J

Prep Date: 7/5/2011

Analyst: JP 7/7/2011

Lab ID:

Analyses

11070093-004

Collection Date: 6/29/2011

μg/filter

µg/filter

Client Sample ID

AS-W1-06-29-11

Matrix: Air

Particulate Matter in Air

RL Qualifier Units

DF

Date Analyzed

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 35500 100

Prep Date: 7/5/2011

Analyst: JP 7/7/2011

Lab ID:

Client Sample ID

11070093-005

Collection Date: 6/29/2011

Matrix: Air

Analyses

AS-N1-06-29-11

Date Analyzed

Particulate Matter in Air

Result

RL Qualifier Units

DF

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 19400

100

Prep Date: 7/5/2011 µg/filter

Analyst: JP 7/7/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo(a)STATAnalysis.com AIHA, NVLAP and NELAP accredited

Nº: 837416 CHAIN OF CUSTODY RECORD Page: Company: Tetra Tech P.O. No.: Project Number: 103 DG9021. 167. 08 Client Tracking No.: Project Name: Quote No.: Project Location: We a keeps To Sampler(s): Phone: Report To: Turn Around Fax: OC Level: 1 e-mail: Results Needed Сощр Preserv No of Grab Time am/pm Client Sample Number/Description: Date Taken Taken Containers Remarks Lab No.: 06-29-11 010-2911 00 3 D-06-29-11 002 503 -06-29-11 604 Date/Time 0/30/11 1420 Comments: Relinquished by (Signature) Laboratory Work Order No.: Isop reportes uglar filter Date/Time. 7/5/11 Received by. (Signature) Relinquished by (Signature) Date/Time Received by: (Signature) Received on Ice: Yes Date/Time. Relinquished by (Signature) Date/Time. Preservation Code; A = None B = HNO₃ C = NaOH Temperature: Received by (Signature) Date/Time. $D = H_2SO_4$ E = HC1 F = 5035/EnCore G = Other

Page of

Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tin	ne Received:	7/5/2011 3:00:00 PM
Work Order Number 11070093	7/1/	Received by	JJM	
Checklist completed by.	<u> </u>	Reviewed by	Initials	7(4)11 Date
Matrix. Carrier name	STAT Analysis			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗆	Not Present 🗹	
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present 🗹	
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗆		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers intact?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗌		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temperatur	e Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	itted 🔠	Yes 🖾	No 🛄	
Water - Samples pH checked?	Yes 🏻	No 🖾	Checked by:	
Water - Samples properly preserved?	Yes 📵	No 🕮	pH Adjusted?	
Any No response must be detailed in the comments section below.			=====	
Comments:				
Client / Person Date contacted:		Conta	cted by:	
contacted.			·	
Response:				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

July 19, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103G1852167-08, OMC, Waukegan

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 7/11/2011 9:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

STAT Project No: 11070269

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Latia Ara

Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entitles named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: July 19, 2011

Client: Tetra Tech EM Inc.

Project: 103G1852167-08, OMC, Waukegan Work Order Sample Summary

Lab Order: 11070269

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11070269-001A	AS-S1-7-7-11		7/7/2011	7/11/2011
11070269-002A	AS-S1D-7-7-11		7/7/2011	7/11/2011
11070269-003A	AS-E1-7-7-11		7/7/2011	7/11/2011
11070269-004A	AS-N1-7-7-11		7/7/2011	7/11/2011
11070269-005A	AS-W1-7-7-11		<i>7/7/</i> 2011	7/11/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

July 19, 2011

Date Printed:

July 19, 2011

Client:	Tetra Tech EM Inc.
Project:	103G1852167-08, O

52167-08, OMC, Waukegan

Lab Order: 11070269

Lab ID:

11070269-001

Collection Date: 7/7/2011

AS-S1-7-7-11 Client Sample ID

Matrix: Air

Analyses

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Prep Date 7/11/2011

Analyst: RW

Particulate Matter (as PM10)

40800

Result

100

µg/filter

7/18/2011

Lab ID:

Analyses

Lab ID:

Analyses

11070269-002

Collection Date: 7/7/2011

Client Sample ID AS-S1D-7-7-11

RL Qualifier Units

Matrix: Air

Date Analyzed

Particulate Matter in Air

Prep Date: 7/11/2011

DF

Analyst: RW

Particulate Matter (as PM10)

40 CFR PART 50 APP. J 39100 100

µg/filter

7/18/2011

11070269-003

Collection Date: 7/7/2011

Client Sample ID AS-E1-7-7-11

Result

RL Qualifier Units

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

41500

40 CFR PART 50 APP. J

Prep Date: 7/11/2011

Analyst: RW 7/18/2011

11070269-004

Collection Date: 7/7/2011

Matrix: Air

Lab ID: Client Sample ID

Analyses

AS-N1-7-7-11

RL Qualifier Units

Particulate Matter in Air

Result

µg/filter

DF Date Analyzed

Particulate Matter (as PM10)

36300

40 CFR PART 50 APP. J 100

100

Prep Date: 7/11/2011

7/18/2011

µg/filter

Analyst: RW

Lab ID:

Client Sample ID

11070269-005

Collection Date: 7/7/2011

Matrix: Air

Analyses

AS-W1-7-7-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

40 CFR PART 50 APP. J

Prep Date: 7/11/2011

36500

Result

100

µg/filter

Analyst: RW 7/18/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

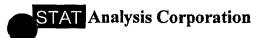
R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

Nº: 837417 **CHAIN OF CUSTODY RECORD** Page: Tetra Tech P.O. No.: Company. 103(+1852167-08 Client Tracking No.: Project Number: Project Name: Quote No.: Project Location: Sampler(s): Report To: Phone: Turn Around. Fax: e-mail: QC Level: 1 Results Needed. Comp No of Time Grab am/pm Client Sample Number/Description: Date Taken Taken Container Lab No.: Remarks nol X 002 OO3 004 Date/Time 7/8/11/1/20 Relinguished by (Signatura) Comments: Laboratory Work Order No.: Report as ug/Filter Date/Time 7/11/11 930 Received by (Signature) Relinquished by (Signature) Date/Time. Received by (Signature) Date/Time Received on Ice: Yes Relinquished by. (Signature) Date/Time Preservation Code; A = None B = HNO₁ C = NaOH Received by (Signature) Date/Time. $D = H_2SO_4$ E = HCI F = 5035/EnCore G = Other



Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Tin	ne Received:	7/8/2011
Work Order Number 11070269		Received by:	CDF	
Checklist completed by Signature Oats	7/1/11	Reviewed by	initials	KL 7/12/11
Matrix: Carrier name	FedEx			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	t 🗆
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present	t 🗹
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present	· 🗹
Chain of custody present?	Yes 🗹	No 🗆		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗌		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗆	Temp	erature Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	nitted 🖾	Yes 📓	No 🛅]
Water - Samples pH checked?	Yes 🖺	No 🖾	Checked b	у.
Water - Samples properly preserved?	Yes 🔟	No 🖾	pH Adjusted	1?
Any No response must be detailed in the comments section below.	=====	====		
Comments				
Client / Person Date contacted.		Conta	octed by:	
Response:				
		·		

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

July 28, 2011

Tetra Tech EM Inc. 1 South Wacker Drive 37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103G1852167.08, OMC, Waukegan, IL STAT Project No: 11070745

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 7/21/2011 2:50:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Latia Ana

Catia Giannini Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the Individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: July 28, 2011

Client:	Tetra Tech EM Inc.	
Project:	103G1852167.08, OMC, Waukegan, IL	Work Order Sample Summary
	11000010	

Lab Order: 11070745

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11070745-001A	AS-S1-07-13-11		7/13/2011	7/21/2011
11070745-002A	AS-S1D-07-13-11		7/13/2011	7/21/2011
11070745-003A	AS-E1-07-13-11		7/13/2011	7/21/2011
11070745-004A	AS-N1-07-13-11		7/13/2011	7/21/2011
11070745-005A	AS-W1-07-13-11		7/13/2011	7/21/2011

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

July 28, 2011

Date Printed:

July 28, 2011

Client:

Tetra Tech EM Inc.

Project:

103G1852167.08, OMC, Waukegan, IL

Lab Order:

11070745

Lab ID:

Analyses

11070745-001

Collection Date: 7/13/2011

Client Sample ID

AS-S1-07-13-11

Matrix: Air

RL Qualifier Units

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Result

Analyst: JP

Particulate Matter (as PM10)

26200

100

µg/filter

7/26/2011

Lab ID:

11070745-002

Collection Date: 7/13/2011

Client Sample ID

AS-S1D-07-13-11

DF

Prep Date. 7/21/2011

DF

Analyses

Result

RL Qualifier Units

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

23800

40 CFR PART 50 APP. J 100

Prep Date: 7/21/2011 µg/filter

Analyst: JP

Lab ID:

Analyses

11070745-003

Collection Date: 7/13/2011

7/26/2011

Client Sample ID AS-E1-07-13-11

RL Qualifier Units

DF

Matrix: Air

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

23400

Result

21000

Result

40 CFR PART 50 APP. J

Prep Date: 7/21/2011

Analyst: JP

100

µg/filter

7/26/2011

Lab ID:

11070745-004

Collection Date: 7/13/2011

Client Sample ID

Analyses

AS-N1-07-13-11

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

40 CFR PART 50 APP. J

100

µg/filter

Prep Date: 7/21/2011

Analyst: JP 7/26/2011

11070745-005

Collection Date: 7/13/2011

Matrix: Air

Lab ID:

Analyses

Client Sample ID

AS-W1-07-13-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

Result 36600

40 CFR PART 50 APP. J 100

Prep Date: 7/21/2011

µg/filter

Analyst: JP

7/26/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

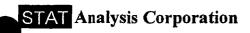
R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

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Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Time Received: 7/21/2011 2:50:00					
Work Order Number 11070745	7/ /	Received by:	JJM	i			
Checklist completed by: Signaphre Date	[21/[/	Reviewed by:	Initials City	7/22/11			
Matrix: Carrier name	FedEx						
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present				
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present 🗹				
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present				
Chain of custody present?	Yes 🗹	No 🗔					
Chain of custody signed when relinquished and received?	Yes 🗹	No 🔲					
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗌					
Samples in proper container/bottle?	Yes 🗹	No 🗆					
Sample containers intact?	Yes 🗹	No 🗀					
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌					
All samples received within holding time?	Yes 🗹	No 🗌					
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temperatu	re Ambient °C			
Water - VOA vials have zero headspace? No VOA vials subm	itted 🖽	Yes 🕮	No 🕮				
Water - Samples pH checked?	Yes 🖫	No 🖾	Checked by:	· · · · · · · · · · · · · · · · · · ·			
Water - Samples properly preserved?	Yes 🖫	No 🗔	pH Adjusted?				
Any No response must be detailed in the comments section below.	======						
Comments:							
Client / Person contacted: Date contacted:		Conta	cted by:				
Response:							

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

July 28, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor

Chicago, IL 60606

Telephone: (312) 856-8700 Fax: (312) 938-0118

RE: 103G1852167.08, OMC, Waukegan, IL STAT Project No: 11070800

Dear Carol Nissen:

STAT Analysis received 5 samples for the referenced project on 7/22/2011 9:39:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Matria Ara

Catia Giannini Project Manager

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Date: July 28, 2011

Client:	Tetra Tech EM Inc.	
Project:	103G1852167.08, OMC, Waukegan, IL	Work Order Sample Summary

Lab Order: 11070800

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11070800-001A	AS-S1-07-20-11		7/20/2011	7/22/2011
11070800-002A	AS-S1D-07-20-11		7/20/2011	7/22/2011
11070800-003A	AS-E1-07-20-11		7/20/2011	7/22/2011
11070800-004A	AS-N1-07-20-11		7/20/2011	7/22/2011
11070800-005A	AS-W1-07-20-11		7/20/2011	7/22/2011

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

July 28, 2011

Date Printed:

July 28, 2011

Client:

Tetra Tech EM Inc.

Project:

103G1852167.08, OMC, Waukegan, IL

Lab Order:

11070800

Lab ID:

11070800-001

Collection Date: 7/20/2011

Client Sample ID

AS-S1-07-20-11

Matrix: Filter

DF

Date Analyzed

Analyses

Result

RL Qualifier Units

Particulate Matter in Air Particulate Matter (as PM10) 40 CFR PART 50 APP. J

Prep Date: 7/22/2011

Analyst: JP

. 99400

100 µg/filter

7/26/2011

Lab ID:

Analyses

11070800-002

Collection Date: 7/20/2011

Client Sample ID

AS-S1D-07-20-11

RL Qualifier Units

Matrix: Filter DF

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Result

Prep Date: 7/22/2011

Analyst: JP

Particulate Matter (as PM10)

88400

100

µq/filter

7/26/2011

Lab ID:

11070800-003

Collection Date: 7/20/2011

Client Sample ID Analyses

AS-E1-07-20-11

RL Qualifier Units

Matrix: Filter DE

Date Analyzed

Particulate Matter in Air

Particulate Matter (as PM10)

56300

Result

42800

Result

40 CFR PART 50 APP. J 100

Prep Date: 7/22/2011

Analyst: JP

µg/filter

7/26/2011

Lab ID:

11070800-004

Collection Date: 7/20/2011 Matrix: Filter

Client Sample ID

AS-N1-07-20-11

RL Qualifier Units

DF

Particulate Matter in Air

40 CFR PART 50 APP. J

Date Analyzed

Particulate Matter (as PM10)

Analyses

100

µg/filter

Prep Date: 7/22/2011

Analyst JP

11070800-005

Collection Date: 7/20/2011

7/26/2011

Lab ID:

Matrix: Filter

Analyses

Client Sample ID

AS-W1-07-20-11

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

38100

40 CFR PART 50 APP. J 100

Prep Date: 7/22/2011 µg/filter

Analyst: JP 7/26/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

S - Spike Recovery outside accepted recovery limits

RL - Reporting / Quantitation Limit for the analysis

R - RPD outside accepted recovery limits

E - Value above quantitation range

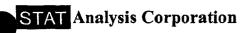
H - Holding time exceeded

* - Non-accredited parameter

Page 3 of 5

le	STARTE	ica	Report	To	m Ha	wia) M		1	Bill To Contact:				Chair	n of Custody Record			
THE	TARER IN FRANCISCHE	AL TEOTIMO	Compa	any:					company					La	ıb Job #:		
	EADER IN ENVIRONMENT. 2417 Bond Street, University Park, IL		Addres	ss [,]			 	A	ddress:					n	hain of Custod	y Number:	
	one: 708.534.5200 Fax: 708		Addres	ss:				A	.ddress: <u>. </u>	·				C.	iiaii ui Ousiou	y (tattoer	
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Te	tratech	Client Project #	852167	-08	770001100							<u> </u>					ICL, Cool to 4°
Descriptions	nc				Paramet	er										3 1	12SO4, Coal to 4° 1NO3, Coal to 4°
		Lab Project#						.				ļ				5. 1	VaOH, Cool to 4° VaOH/Zn, Cool to 4°
h	ion/State Jaukegan Ec	,				13)										VaHSO4 Cool to 4°
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्र छ			Samo	e e e e e e e e e e e e e e e e e e e	iners	P			'				Ì		l		Ì
Lab ID MS/MSD	Sample ID		Date	Time	# of Containers	Marrx							Ì		Į.	a	emments
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1 Day	Due Dale	ays 10 Days		Olher	Sample D	eturn to Clier	!	Dispos	al by Lab	<u> </u>	hive for	Months	(A fee may i	De assessed if sa	amples are ret	ained longer than	1 month)
Relinguished B		trated	9/20/1	1 /	430	Receive	ed By	1ic	ئے۔ذ	company	and the same of th	Date 7/2	12/11	430		Lab Couner	
Retinquished B	Ву Соптралу		Date		Time	Receive	ed By		C	Company		Date		Time		Shipped	
Relinquished E	By Company		Date		Time	Receiv	ed By			Company		Date	·	Time		and Delivered	
	Matrix Key	Client Con	nments								Lab Commen	ts:			1	1	
WW - Waste W - Water	ewater SE Sediment SO Soil		۸			10.	h.	_		,		110	つつへ	800			
S - Soil SL - Sludge	L – Leschate WI – Wipe		Ker	puta	oug	11	14h) [U	POO			
MS ~ Miscel	lianeous DW – Drinking V	ater	- 1	1	,							110	, (-			
OL Oil A Arr	O Other										ļ .						

TAL-4124-500 (1209)



Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and Time Received: 7/22/2011 9:39:00 AM						
Work Order Number 11070800		Received by:	CIG					
Checklist completed by: 13 Date	122/11	Reviewed by	Initials	16 7 25 11 bate				
Matrix: Carrier name Fed	<u>tEx</u>							
Shipping container/cooler in good condition?	s 🗹	No 🗌	Not Present					
Custody seals intact on shippping container/cooler?	s 🗌	No 🗀	Not Present	\checkmark				
Custody seals intact on sample bottles?	s 🗌	No 🗌	Not Present	$ \mathbf{V} $				
Chain of custody present? Yes	s 🗹	No 🗆						
Chain of custody signed when relinquished and received?	s 🗹	No 🗌						
Chain of custody agrees with sample labels/containers?	s 🛂	No 🗌						
Samples in proper container/bottle?	s 🗹	No 🗌						
Sample containers intact?	s 🗹	No 🗌						
Sufficient sample volume for indicated test?	s 	No 🗌						
All samples received within holding time?	s V	No 🗌						
Container or Temp Blank temperature in compliance?	· 🗸	No 🗌	Tempe	rature Ambient °C				
Water - VOA vlals have zero headspace? No VOA vlals submitted	RH	Yes 🖻	No 🗐					
Water - Samples pH checked?	s ©	No 🖾	Checked by:					
Water - Samples properly preserved?	3 B	No 🛐	pH Adjusted?					
Any No response must be detailed in the comments section below.		====	====	=======				
Comments:								
:								
Client / Person Date contacted:		Conta	cted by:					
Response:								

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

August 04, 2011

Tetra Tech EM Inc.
1 South Wacker Drive
37th Floor
Chicago, IL 60606

Telephone: (312) 946-6474 Fax: (312) 938-0118

RE: 103G1852167.08, OMC, Waukegan, IL

Dear Tom Hahne:

STAT Analysis received 5 samples for the referenced project on 7/28/2011 11:00:00 AM. The analytical results are presented in the following report.

STAT Project No: 11071098

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely, Natia Ara

Catia Giannini Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: August 04, 2011

Client: Project: Lab Order:	Tetra Tech EM Inc. 103G1852167.08, OMC, 11071098	Waukegan, IL	Work Order Sample Summary					
Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received				
11071098-001A	AS-S1-07-26-11		7/26/2011	7/28/2011				
11071098-002A	AS-S1D-07-26-11		7/26/2011	7/28/2011				
11071098-003A	AS-W1-07-26-11		7/26/2011	7/28/2011				
11071098-004A	AS-N1-07-26-11		7/26/2011	7/28/2011				
11071098-005A	AS-E1-07-26-11		7/26/2011	7/28/2011				

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported:

August 04, 2011

Date Printed:

August 04, 2011

Client:

Tetra Tech EM Inc.

Project:

103G1852167.08, OMC, Waukegan, IL

Lab Order:

11071098

Lab ID:

11071098-001

Collection Date: 7/26/2011

Client Sample ID

Matrix: Air

Analyses

AS-S1-07-26-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

40 CFR PART 50 APP. J

Result

Prep Date: 7/28/2011

Analyst: RW

Particulate Matter (as PM10)

33500

100

µg/filter

8/1/2011

Lab ID:

11071098-002

Collection Date: 7/26/2011

Analyses

Client Sample ID AS-S1D-07-26-11

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air

Result

Prep Date: 7/28/2011

Analyst: RW

Particulate Matter (as PM10)

32600

Result

40 CFR PART 50 APP. J 100

µg/filter

8/1/2011

Lab ID:

11071098-003

Collection Date: 7/26/2011

Analyses

Client Sample ID AS-W1-07-26-11

RL Qualifier Units

Matrix: Air

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10)

35000

40 CFR PART 50 APP. J 100

Prep Date: 7/28/2011

Analyst RW 8/1/2011

11071098-004

µg/filter

Collection Date: 7/26/2011

Lab ID:

Analyses

Client Sample ID AS-N1-07-26-11

Matrix: Air

Result

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air Particulate Matter (as PM10) 27200

40 CFR PART 50 APP. J 100

Prep Date: 7/28/2011

μg/filter

Analyst RW 8/1/2011

Lab ID:

11071098-005

Collection Date: 7/26/2011

Client Sample ID Analyses

AS-E1-07-26-11

RL Qualifier Units

DF

Date Analyzed

Particulate Matter in Air

Result

Prep Date: 7/28/2011

Particulate Matter (as PM10)

23900

40 CFR PART 50 APP. J 100

µg/filter

Matrix: Air

Analyst: RW 8/1/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits

E - Value above quantitation range

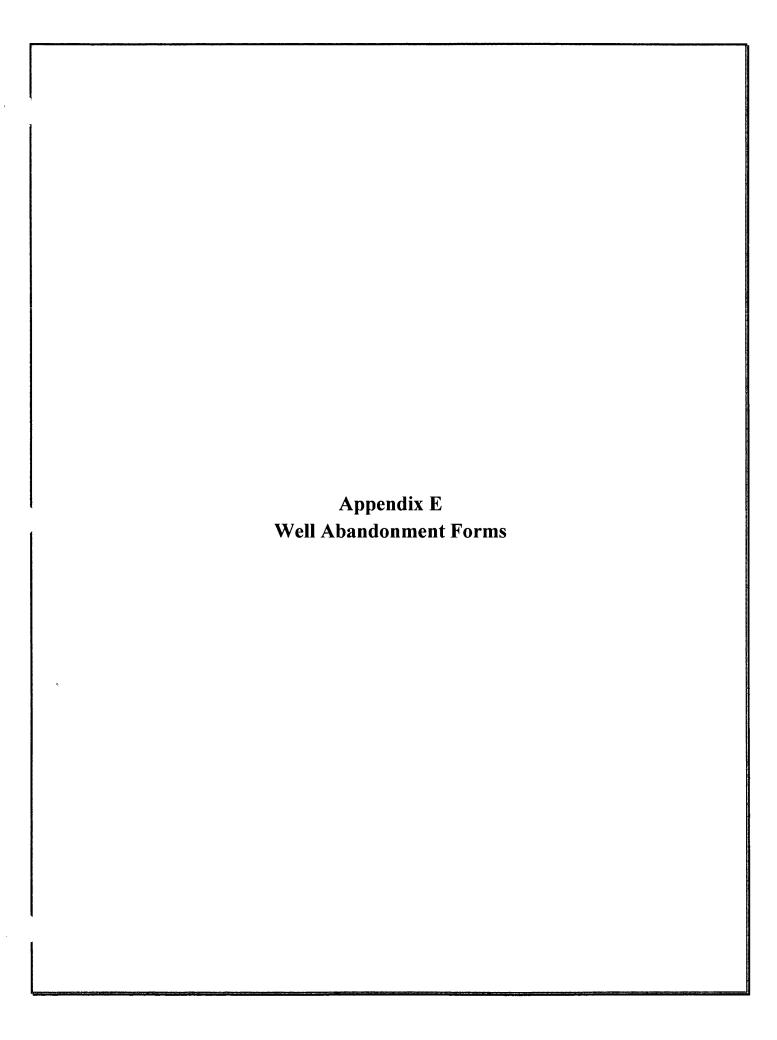
H - Holding time exceeded

<i>lestAmeric</i>	Report To Contact:	Tom Hah	ne	Bill To			Chain of	Custody Re	cord
THE LEADER IN COMPONICATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON	Company:			Company			Lab Job#:_	110/10	178
THE LEADER IN ENVIRONMENTAL TEST	Address:			Address:			Oberin ed C	ustody Number:	
2417 Bond Street, University Park, IL 60484 Phone: 708.534.5200 Fax: 708.534.5211	Address:			Address:			· Glass of Oc	Stody Number.	
	Phone:			Phone:			Page	of	
	Fax:			Fax:			Tamperatus	re °C of Cooler:	
<u> </u>	E-Mail.			PO#/Referer	nce#		1 eurherami		
Client P. Client P.	roject# 1.0361852167.08	Preservative	8	`				Preservati 1. HCL, Cool to 2. H2SO4, Coo	34°
o Mc		Parameter						3. HNO3, Cool 4. NaOH, Cool	to 4°
Project Localion/State Lab Pro Lab Pro Lab Pro	ject#		0	ľ				5. NaOH/Zn, C 6. NaHSO4 7. Cool to 4°	ooi to 4°
Sampler Lab PM			pm'					8. None 9 Other	
CSWSW Sample 1D	Sampling Date Time	# of Containers Matrix	2					Comments	
AS-S1-07-26-1)	7-2611 24h	, 1 File	8						ପଠ
AS-SID-07-26	11	()	B						ማ ይረ
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AS-E1- 07-26		1 1	X						ดยุร
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					<u> </u>				
Turnaround Time Required (Business Days)1 Day 2 Days 5 Days 7 Days 1 Requested Due Date	0 Days 15 Days Other	Sample Dispo	sal to Client	Disposal by Lab	Archive for	Months (A fee r	may be assessed if samples ar	e retained longer than 1 month)	
Reinfuitified By	nted 7/21/11	1420	Received By		Company	Date	Time	Lab Courier	
Retirepasted By Company	Date	Time	Received By		Company ST/H	7/26/11 Date	Time	Shipped	=====
Resinquished By Company	Date	Tages	Received By	//	Соттрапу	Date	Time	Hand Delivered	
WW - Wastewater SE - Sediment W - Water SO - Soil S - Soil L - Leachate SL - Studge WI - Wipe MS - Miscellaneous OL - Oil O - Other A - Air	Client Comments Reput	'as i	ig Ar	lter	Lab Com	ments:			

TAL-4124-500 (1209)

Sample Receipt Checklist

Client Name TETRA CHICAGO		Date and 1	Time Received:	7/28/2011 11:00:00 AM
Work Order Number 11071098	7	Received I	by CDF	
Checklist completed by. Signature Sala	7/26/11	, Reviewed	by Initials	8/111 Dalp 11
Matrix: Carrier name:	<u>FedEx</u>			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌	Not Present	3
Custody seals intact on shippping container/cooler?	Yes 🗌	No 🗌	Not Present ☑	2
Custody seals intact on sample bottles?	Yes 🗌	No 🗌	Not Present ☑	2
Chain of custody present?	Yes 🗹	No 🗌		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels/containers?	Yes 🗹	No 🗆		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers intact?	Yes 🗹	No 🗆		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
All samples received within holding time?	Yes 🗹	No 🗆		
Container or Temp Blank temperature in compliance?	Yes 🗹	No 🗌	Temperat	ture Ambient °C
Water - VOA vials have zero headspace? No VOA vials subm	nitted 🖼	Yes 🖺	No 🖾	
Water - Samples pH checked?	Yes 🖼	No 💷	Checked by	
Water - Samples properly preserved?	Yes 🖺	No 💷	pH Adjusted?	
Any No response must be detailed in the comments section below.			======	======
Comments:				
Client / Person Date contacted:		Col	ntacted by.	
Response:				







WATER WELL SEALING FORM

	RETURN ALL COPIES TO IDPH OF
PDF FILLABLE/SAVABLE	LOCAL HEALTH DEPARTMENT
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Ownership (Name of Controlling Party) U.S. EPA	
2. Well Location: Well Site Address 90 East Seahorse Drive City Waukega	n Zıp 60085
Lot # Land I.D.# IW-514 County Lake	Township 45N
Range 12E Section 15 SE Quarter of the SW Quar	ter of the Quarter
	linutes 49 Seconds 21.1
Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e. would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4 2) N. Report GPS coordinates to the	
Year Drilled 4. Drilling Permit Number (and date, If known	
5. Type of Well Monitoring 6. Total Depth (ft.) 15.2 Diameter (in.) 2
 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 	
Filled with Bentonite 3/8-inch plug From (ft.) 0 to (ft.)	15.2
Kind of plug From (ft.) to (ft.)	
Filled with From (ft.) to (ft.)	
Kind of plug From (ft.) to (ft.)	
Filled with From (ft.) to (ft.)	
Kind of plug From (ft.) to (ft.)	
CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 Licensed water well driller or other person approved by the Department performing well sealing	
Name Carol Nissen, PG Complete License Number 1966	000346
Address 1 South Wacker Orive, Suite City Chicago State Illinois	Zip Code 60606

This state agency is requesting discolsure of Information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09





WATER WELL SEALING FORM

RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT le submitte dioxinis de partinente nue le contre alla caparimenta de more dinante cays arter a vater vel promer nonlonervalus seried estelemble aperobossationnomentan se develonitiem are bandoned in accordance with the sealing Capitements in the Hilling is water well construction codes stilled code the Austrid Esparation for region at 12 using the Austria DEFART MENTEMUS AT BE NOTIFIED AT LEAST 48 HOURS FRIOR IT & SEATING U.S. EPA 1. Ownership (Name of Controlling Party) Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive Waukegan City Land I.D.# MW-502D County Lake Township 45N Lot# 12E SE SW Range Quarter of the Quarter of the Quarter Section GPS: North West 42 Degrees Minutes Seconds 15.1 Degrees 87 Minutes Seconds 22.5 Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 25.9 2 5. Type of Well Monitoring 6. Total Depth (ft.) Diameter (in.) Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) Filled with Bentonite 3/8-inch plug From (ft.) 0 to (ft.) 25.9 Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG Name Complete License Number 196000346 1 South Wacker Drive, Suite 🔏 Chicago 60606 Address City Illinois Zip Code State

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WATER WELL SEALING FORM

TATEL VENERO I VIVII
PDF FILLABLE/SAVABLE RETURN ALL COPIES TO IDPH C LOCAL HEALTH DEPARTMENT
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Ownership (Name of Controlling Party) U.S. EPA
2. Well Location: Well Site Address 90 East Seahorse Drive City Waukegan Zip 60085
Lot # Land I.D.# MW-502S County Lake Township 45N
Range 12E Section 15 SE Quarter of the SW Quarter of the Quarter
GPS: North Degrees 42 Minutes 22 Seconds 15 West Degrees 87 Minutes 49 Seconds 22.5
Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second.
Year Drilled 4. Drilling Permit Number (and date, if known
5. Type of Well Monitoring 6. Total Depth (ft.) 9.95 Diameter (in.) 2
7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials)
Filled with Bentonite 3/8-inch plug From (ft.) 0 to (ft.) 9.95
Kind of plug From (ft.) to (ft.)
Filled with From (ft.) to (ft.)
Kind of plug From (ft.) to (ft.)
Filled with From (ft.) to (ft.)
Kind of plug From (ft.) to (ft.)
9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 11. Licensed water well driller or other person approved by the Department performing well sealing
Name Carol Nissen, PG Complete License Number 196000346
Address 1 South Wacker Drive, Suite 3 City Chicago State Illinois Zip Code 60606

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0831- Revised 5/09





60606

Zip Code

WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE **LOCAL HEALTH DEPARTMENT** U.S. EPA 1. Ownership (Name of Controlling Party) Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive City Waukegan Land I.D.# MW-503D Lake 45N County Township Lot# 12E SE Quarter of the Isw Range Quarter of the Section Quarter GPS: North West 42 Minutes 22 Seconds 14.6 Degrees 87 Minutes 49 Seconds 16.6 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 23.65 Monitoring 6. Total Depth (ft.) Diameter (in.) 5. Type of Weil Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 23.65 Bentonite 3/8-inch plug Filled with From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) From (ft.) Filled with Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) No Jul 27, 2010 · 9. CASING RECORD Upper 2 feet of casing removed 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG Complete License Number 196000346 Name

This state agency is requesting discolaure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Chicago

Illinois

State

City

1 South Wacker Drive, Suite 3:

Address





WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT Hillstom stallforsubfallochodhisteepartmentochestocaltically departmented morbibandekkeys alterawater wall bodne or nontometydli isasalad sudatyalladi siotoesaallogada titan sudays attathoy are abandorodhi accordinocyllig baalin nontometyd he illinosyyatekwallochatudlon godo, tita togak kiealufalekani walli kongresional eustig beakar i neparament musi i benontalenaya ueastaleotha entor no seanines U.S. EPA 1. Ownership (Name of Controlling Party) Well Site Address 2. Well Location: 60085 Waukegan Zip 90 East Seahorse Drive City Land I.D.# MW-503S County Lake Township 45N Lot# 12E SE SW Range Quarter of the Quarter of the Quarter Section GPS: North West 42 Degrees Minutes Seconds 14.6 Degrees |87 Minutes |49 Seconds | 16.6 Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 7.4 5. Type of Well Monitoring 6. Total Depth (ft.) Diameter (In.) Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) 0 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) 7.4 to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 196000346 1 South Wacker Drive, Suite 🔏 Chicago 160606 **Address** City Illinois Zip Code

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

State





WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT thistornorialibe submitted to this begannen confictoral religious monloring vallingeried. Such vallegie to descaled nord han so dryn atouticy accommondum accomance with the scaling Equic ments in the illinois water woll construction code. The Local the Auth Department of the other levels called the personal and the Department of the other parts and the Department of the other parts and the other personal an 1. Ownership (Name of Controlling Party) U.S. EPA Well Site Address 2. Well Location: 60085 Waukegan 90 East Seahorse Drive City Land I.D.# MW-507D Lake 45N County Township Lot# SE Range Section Quarter of the Quarter of the Quarter GPS: North West 142 Minutes 22 Seconds 11.5 Degrees |87 Minutes 49 Seconds 10.3 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 5. Type of Well Monitoring 6. Total Depth (ft.) 26.2 Diameter (in.) 2 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 Bentonite 3/8-inch plug From (ft.) to (ft.) 26.2 Filled with Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG 196000346 Complete License Number Name 1 South Wacker Drive, Suite 🔏 Chicago 60606 Illinois **Address** City State Zip Code

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 6/09





WATER WELL SEALING FORM	
PDF FILLABLE/SAVABLE	RETURN ALL COPIES TO IDPH OF LOCAL HEALTH DEPARTMENT
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DEPARAMENTALIST BENOMHEDVATHEAST 1818 OURS PRIOR TO SEAUNG	
Ownership (Name of Controlling Party) U.S. EPA	
2. Well Location: Well Site Address 90 East Seahorse Drive City Wauk	egan Zip 60085
Lot# Land I.D.# MW-5075 County Lake	Township 45N
Range 12E Section 15 SE Quarter of the SW (Quarter of the Quarter
GPS: North Degrees 42 Minutes 22 Seconds 11.5 Degrees 87	Minutes 49 Seconds 10.2
Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 6 would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates	
Year Drilled A. Drilling Permit Number (and date, if known	
5. Type of Well Monitoring 6. Total Depth (ft.) 9.7 Diame	eter (in.) 2
 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) 	
Filled with Bentonite 3/8-inch plug From (ft.) 0 to (ft.)	9.7
Kind of plug From (ft.) to (ft.)	
Filled with From (ft.) to (ft.)	
Kind of plug From (ft.) to (ft.)	
Filled with From (ft.) to (ft.)	
Kind of plug From (ft.) to (ft.)	
CASING RECORD Upper 2 feet of casing removed No 10. Date well was 11. Licensed water well driller or other person approved by the Department performing well so	<u> </u>
Name Carol Nissen, PG Complete License Number	196000346
Address 1 South Wacker Drive, Suite Chicago State Illinois	Is ZIp Code 60606





WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT intriorm shall be unmitter to the <u>department on the total trouble department in trouble in a territorial evaluation</u> noblong poslite ested. Sign walk a colorge selection not not benedictly an abandor china condans with the saling reginements in the III postwale walk of a consideration of the Local Head Education arministry or regional education of the Local Head Education of the Color of the U.S. EPA 1. Ownership (Name of Controlling Party) 2. Well Location: Well Site Address 60085 Zip 90 East Seahorse Drive City Waukegan Lake Land I.D.# MW-508D County Township 45N Lot# SE SW 12E Range Section Quarter of the Quarter of the Quarter GPS: North West 42 Minutes |22 Seconds 111.6 Degrees |87 Seconds 57.3 Degrees Minutes |48 Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. fallitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 5. Type of Well Monitoring 6. Total Depth (ft.) 29.3 Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 29.3 Filled with Bentonite 3/8-inch plug From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) From (ft.) to (ft.) Kind of plug to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) 9. CASING RECORD Upper 2 feet of casing removed lNo Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 196000346 1 South Wacker Drive, Suite 3 Chicago 60606 **Address** Clty Illinois Zip Code State

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0468.





WATERW	ELL SEALING FORM		
PDF FILLABLE/SAVABLE			L COPIES TO IDPH OR ALTH DEPARTMENT
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DENARAMENTOMUSIATEMOMITIÉDAVAGUERATIMENTO			
Ownership (Name of Controlling Party) U.S. EP.	A		
2. Well Location: Well Site Address 90 East Sea	horse Drive City	Waukegan	Zip 60085
Lot # Land I.D.# MW-508S	County Lake		ownship 45N
Range 12E Section 15 SE	Quarter of the SW	Quarter of the	Quarter
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Kind of plug Fro	m (ft.)	to (ft.)	
9. CASING RECORD Upper 2 feet of casing removed 11. Licensed water well driller or other person approved		· · · · · · · · · · · · · · · · · · ·	27, 2010
Name Carol Nissen, PG	Complete License Nu	ımber 196000346	
Address 1 South Wacker Drive, Suite City	Chicago State	Illinois	Zip Code 60606

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WA	TER WELL SEALING FORM		
PDF FILLABLE/SAVABLE			LL COPIES TO IDPH OR ALTH DEPARTMENT
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Ownership (Name of Controlling Party) U	.S. EPA		
2. Well Location: Well Site Address 90 Ea	st Seahorse Drive Cit	ty Waukegan	Zip 60085
Lot # Land I.D.# MW-510D	County Lake	ī	Township 45N
Range 12E Section 15	SE Quarter of the SV	W Quarter of the	Quarter
GPS: North Degrees 42 Minutes 22	_ ·	ees 87 Minutes 49	Seconds 20.7
Report decimal minutes to minutes and seconds would be latitude 38 degrees 46 minutes 4.2 seconds.	by mulliplying the decimal part of the normals (0.07 x 60 = 4.2) N. Report GPS	coordinates to the nearest 0.1	legrees 46.07 minutes N second.
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Kind of plug	From (ft.)	to (ft.)	
Filled with	From (ft.)	to (ft.)	
Kind of plug	From (ft.)	to (ft.)	
Filled with	From (ft.)	to (ft.)	
Kind of plug	From (ft.)	to (ft.)	
CASING RECORD Upper 2 feet of casing re Licensed water well driller or other person ap		· · · · · · · · · · · · · · · · · · ·	27, 2010
Name Carol Nissen, PG	Complete License	Number 196000346	
Address 1 South Wacker Drive, Suite 3	City Chicago Sta	ate Illinois	Zip Code 60606





WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/\$AVABLE LOCAL HEALTH DEPARTMENT ţĸiBromskallibe suomitedio interepartmento sineresilibrilo aumentatimo faina sudavaalerawatewalkiboring or pontoing wallit seziett Siph walls are to be sealed normord banko dryckilo dinevare abandored in accordance with the sealing registemantsilibrilo in Waler Wall Construction Costo si Hest Cock Literating Department of Region Valer Unit de Austria Department MUST BE NOTIFIED ATTUE AST ABBIOURS PRIOR TO SEAUNG 1. Ownership (Name of Controlling Party) U.S. EPA Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive Waukegan City Land I.D.# MW-510S County lLake Township 45N Lot# 12E SE SW Range Quarter of the Quarter of the Section Quarter GPS: North West Degrees |87 Minutes 49 Degrees Minutes 122 Seconds |10.1 Seconds |20.7 Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 9.3 5. Type of Well Monitoring 6. Total Depth (ft.) Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) Bentonite 3/8-inch plug 0 Filled with From (ft.) to (ft.) 9.3 to (ft.) Kind of plug From (ft.) Filled with to (ft.) From (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed [No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG Complete License Number 196000346 Name 1 South Wacker Drive, Suite 곫 Chicago 60606 City Illinois **Address** State ZIp Code

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0831- Revised 5/09

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WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT irilistörmahalliba (damittaktonina ippatunentostasilosalina ja ja jamanadamotanina ja ja ja ja ja ja ja ja jam monloong valita fasted. Stor välk arakosa satan nämota tuun 20 dava ma havata abandota en acadenta evalindi saalno rapitamantamihallingistvaten Walteonstrustonistodes 11812 11900 Authertatiki päraktyjenin okkredionaat kuuluktelistä ja ja peraraktienin kuusitteen konlikteen kuuteasta kuuten ja konkredionaatunesta. 1. Ownership (Name of Controlling Party) U.S. EPA 2. Well Location: Well Site Address 60085 190 East Seahorse Drive Waukegan Zlp City 45N Land I.D.# MW-512D County Lake Township Lot# SE 12E ISW Range Quarter of the Quarter of the Section Quarter GPS: North West Seconds 8.7 Degrees |87 42 Minutes 22 Minutes |49 Seconds 11.6 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 5. Type of Well Monitoring 6. Total Depth (ft.) Diameter (in.) Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 7.4 Filled with Bentonite 3/8-inch plug From (ft.) From (ft.) to (ft.) Kind of plug Filled with From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) From (ft.) to (ft.) Kind of plug 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 196000346 1 South Wacker Drive, Suite 3 Chicago 60606 City Illinois **Address** State Zip Code

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WATER WELL SEALING FORM

	RETURN ALL COPIES TO IDPH OR
PDF FILLABLE/SAVABLE	LOCAL HEALTH DEPARTMENT
<u>រត់រ៉ាម៉ែលក្រាស់ក្រុម ស្រាក់ក្រុម មិនប្រជាព្រះ ទី១១៩ ក្រោមក្រុម ខែក្រុមក្រុមក្រុមក្រុមក្រុមក្រុមក្រុមក្រុម</u>	e alemotoredingevondancevillatine spalling
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Ownership (Name of Controlling Party) U.S. EPA	
2. Well Location: Well Site Address 90 East Seahorse Drive City Wa	ukegan Zip 60085
Lot # Land I.D.# MW-512S County Lake	Township 45N
Range 12E Section 15 SE Quarter of the SW	Quarter of the Quarter
GPS: North Degrees 42 Minutes 22 Seconds 8.6 West Degrees 87	Minutes 49 Seconds 11.6
Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes be would be latitude 38 degrees 46 minutes 4.2 seconds $(0.07 \times 60 = 4.2)$ N. Report GPS coordinates	
Year Drilled A. Drilling Permit Number (and date, if known	
5. Type of Well Monitoring 6. Total Depth (ft.) 25.4 Dia	meter (in.) 2
 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 	
Filled with Bentonite 3/8-inch plug From (ft.) 0 to (ft	25.4
Kind of plug From (ft.) to (ft	2.)
Filled with From (ft.) to (ft	1.)
Kind of plug From (ft.) to (ft	3.)
Filled with From (ft.) to (ft	3.)
Kind of plug From (ft.) to (ft	3.)
CASING RECORD Upper 2 feet of casing removed No 10. Date we Licensed water well driller or other person approved by the Department performing well.	li was sealed Jul 27, 2010
Name Carol Nissen, PG Complete License Number	r 196000346
Address 1 South Wacker Drive, Suite 3 City Chicago State Illin	nois Zip Code 60606





60606

Zip Code

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WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT nonloridevelikusteried. Sterivalisteriorekseried notamoratien et daykeliardeyteribandonedin et contra virtulekselin Bankamentuin heriilinak Water Walkenbruckior deter kele laokat Heaterkio HEATER HEATER EGIONAL RUBIRE HEATER DEPARMANAMUST BEANORI HERIVALUESIK BRICORRE ROUSEAUNG. 1. Ownership (Name of Controlling Party) U.S. EPA Well Site Address 2. Well Location: 60085 Zip Waukegan 90 East Seahorse Drive Land I.D.# MW-518D County Lake Township 45N Lot# SE Quarter of the Range Section Quarter of the Quarter GPS: North West 42 Minutes 22 Degrees |87 Minutes |49 Seconds 17.7 Seconds |14.5 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 26.85 5. Type of Well Monitoring 6. Total Depth (ft.) Dlameter (in.) **Yes** 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) 0 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) 26.85 to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG Complete License Number 196000346 Name

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IL 482-0631- Revised 5/09

Chicago

State

Illinois

City

1 South Wacker Drive, Suite





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WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT Hilstorm stallices nonlikerkotins perimentot instocatato linggrentinen notimotethen sugays algrentialega lingg monloningkrollistes idinois valotalis genobes estalega om noothen socialista eitakinen stocatatis estallingis Departmenti musti benonlisterat iteast tieast abitouts terror totseating. U.S. EPA 1. Ownership (Name of Controlling Party) Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive Waukegan City MW-519D Land I.D.# Lake 45N County Lot# Township SE SW Range Quarter of the Quarter of the Section Quarter GPS: North West 42 Degrees 87 Minutes |49 Seconds 23.3 Seconds 14 Minutes Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 13.2 Monitorina 6. Total Depth (ft.) 5. Type of Well Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 13.2 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG 196000346 Name Complete License Number 1 South Wacker Drive, Suite 🔏 Chicago 60606 Illinois Address City State Zip Code





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WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT unstorm snallide submitted to the Repertment of the libral through month of more than 20 days after a water wall both of or monitoring well's sealest such walls are to be sealed not more than 20 days after they are each of could necessaribitions with the sealing, requirements in the alling twater well construction codes. THE ALCAS HEALTH DEPARTMENT OR REGIONAL RUBBLE HEALTH. IN DEPARTMENT MUST BE NOTHELD VALLEAST, AND OURS IPRIOR TO SEALING. 1. Ownership (Name of Controlling Party) U.S. EPA Well Site Address 60085 2. Well Location: Waukegan 90 East Seahorse Drive City Lake 45N Land I.D.# MW-520D County Township Lot# SE Isw Range Quarter of the Quarter of the Quarter Section GPS: North West Minutes |22 Seconds |12.9 Degrees |87 Minutes |49 Seconds |20.3 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46 07 minutes N would be latitude 38 degrees 48 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 26.2 5. Type of Well Monitoring 6. Total Depth (ft.) Diameter (In.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 26.2 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) Jul 27, 2010 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing 196000346 Name Carol Nissen, PG Complete License Number 1 South Wacker Drive, Suite ដ្ឋ 60606 Chicago **Address** City State Illinois Zip Code





WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT jjonkonnowalitskenjais Such valks natobesenjedinomarekjanste deyseljeniney are abandonedin accodenca vilotic saalfi regurennatis nutrallinds Waler Well Construction (code). Tras 1906AU, ABALTIA DERAKTMENTI, ORGREGIONAL RUBUCHFALTIA lu.s. epa 1. Ownership (Name of Controlling Party) Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive City Waukegan MW-520S 45N Land I.D.# County Lake Township Lot# Range 12E SE Quarter of the ISW Section Quarter of the Quarter GPS: North West 42 Degrees 87 Minutes 149 Seconds |20.3 Minutes Seconds |12.9 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second 3. Year Drilled 4. Drilling Permit Number (and date, if known Monitoring 6. Total Depth (ft.) 15.3 5. Type of Well Diameter (in.) Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) Bentonite 3/8-inch plug From (ft.) 0 to (ft.) 15.3 Filled with Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) to (ft.) From (ft.) Kind of plug No Jul 27, 2010 9. CASING RECORD Upper 2 feet of casing removed 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 1196000346 1 South Wacker Drive, Suite 3 Chicago 60606 **Address** Illinois Zip Code City State





60606

Zip Code

WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT U.S. EPA 1. Ownership (Name of Controlling Party) Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive Waukegan Land I.D.# MW-523D County Lake Township 45N Lot# SE Range 12E Quarter of the ISW Quarter of the Quarter Section GPS: North West 42 Minutes |22 Seconds |13.1 Degrees 87 Minutes |49 Seconds 111.8 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known Monitoring 6. Total Depth (ft.) 28.7 5. Type of Well Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) 28.7 to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG 196000346 Name Complete License Number

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0831- Revised 5/09

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60606

Zip Code

WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT U.S. EPA 1. Ownership (Name of Controlling Party) 2. Well Location: Well Site Address 60085 Zip 190 East Seahorse Drive Waukegan City 45N Land I.D.# MW-523S County Lake Township Lot# 12E ŞE Isw Range Quarter of the Quarter of the Section Quarter GPS: North West 42 Degrees 87 Minutes |49 Seconds 13.1 Seconds 11.8 Degrees Minutes Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known Diameter (in.) 6. Total Depth (ft.) Type of Well **I**Monitorina Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) to (ft.) 9 Filled with Bentonite 3/8-Inch plug From (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) From (ft.) Kind of plug 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 196000346

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WATER WELL SEALING FORM

PDF FILLABLE/SAVABLE			RETURN AU LOCAL HEA		TO IDPH OR ARTMENT
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iequramentam incullinois WatarWalli Construction Godo Deraram entra Mustabean fortified / a reu-assi abi Houg	TATE (LOBAL HEAL) LATER ON HOUSEAL	ING IEROJENYSKIWIENES	(०१:सम्बर्ण)	MAHPINDHI —	SEASTH)
	A STATE OF THE PROPERTY OF THE				
Ownership (Name of Controlling Party) U.S. EPA					
2. Well Location: Well Site Address 90 East Seaho	orse Drive	City Waukega	n	Zip	60085
Lot# Land I.D.# MW-524S	County Lak	e	Т	ownship [45N
Range 12E Section 15 SE	Quarter of the	SW Quar	ter of the		Quarter
	ds 12.5 D		inutes 49	Seconds	L
Report decimal minutes to minutes and seconds by multiplying would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x					minutes N
Year Drilled A. Drilling Permit Num	nber (and date, if kno	own]	
5. Type of Well Monitoring 6. Total De	epth (ft.) 9.8	Diameter (i	n.) 2		
7. Formation clear of obstruction Yes					
8. Detains of Plugging (bentonite, neat cement or other m	aterials)				
Filled with Bentonite 3/8-inch plug From	(ft.) O	to (ft.)	9.8		
Kind of plug From	(ft.)	to (ft.)			
Filled with From	(ft.)	to (ft.)			
Kind of plug From	(ft.)	to (ft.)			
Filled with From	(ft.)	to (ft.)			
Kind of plug From	(ft.)	to (ft.)			
9. CASING RECORD Upper 2 feet of casing removed 1. Licensed water well driller or other person approved by		Date well was s forming well sealin		27, 2010	
Name Carol Nissen, PG	Complete Lice	nse Number 1960	000346		
Address 1 South Wacker Drive, Suite 3 City	hicago	State Illinois		Zip Code	60606





160606

Zip Code

WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT KNETOTU STALLEESTOTUIGSKOUDERPAATMETIKON NEROCARITEALIN GEPARTMEN KOOMOOCHAATIKO GAYSTALEEKAWATEKVAILLEDIN GOO TION OND WALLIN SEALEGI. SUULKANETON DESGALETINOEMOTEN LIEN 30 MAYSTALEN LIEN KOOMENT OR REGIONALEPURING SEALIN LEGIDTEN ON TINUS TILLIN ON THE PATTELASTALEH KOURSTERIOR TO SEALING. 1. Ownership (Name of Controlling Party) U.S. EPA Well Site Address 60085 2. Well Location: Zip 90 East Seahorse Drive Waukegan City MW-525D 45N Land I.D.# County Lake Township Lot# 12E SE ISW Range Quarter of the Quarter of the Section **Ouarter** GPS: North West 42 Degrees 187 Minutes 49 Seconds 111.7 Degrees Minutes Seconds 112.1 Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 5. Type of Well Monitoring 6. Total Depth (ft.) 29.1 Diameter (in.) 12 Yes 7. Formation clear of obstruction 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 29.1 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft) to (ft.) Filled with to (ft.) From (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed **iJul 27, 2010** 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 196000346

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WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT 1. Ownership (Name of Controlling Party) JU.S. EPA Well Site Address 2. Well Location: 60085 190 East Seahorse Drive Waukegan City 45N Land I.D.# MW-525S County Lake Township Lot# 12E SE SW Range Quarter of the Quarter of the Quarter Section GPS: North West Minutes 22 Seconds 12.1 Degrees 87 Minutes 49 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 48.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known Monitoring 6.85 5. Type of Well 6. Total Depth (ft.) Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) Bentonite 3/8-inch plug 0 to (ft.) 6.85 Filled with From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 11 Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG 196000346 Name Complete License Number 1 South Wacker Drive, Suite 3 Chicago Illinois 60606 **Address** City State ZIp Code

This state agency is requesting discolsure of information that is necessary to accomplish the statutory purpose as outlined under Public Act-0863. Disclosure of this information is mandatory. This form has been approved by the Forms Management Center. IL 482-0631- Revised 5/09

Questions regarding the completion of this form should be directed to the local health department or the Illinois Department of Public Health 217-782-5830, TTY (for hearing impaired only) 800-547-0466.



Address

ILLINOIS DEPARTMENT OF PUBLIC HEALTH DIVISION OF ENVIRONMENTAL HEALTH 525 W. JEFFERSON ST. SPRINGFIELD, IL 62761



60606

Zlp Code

WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT montompwellis senedi. Suchwallsere törberserledingemorethan stockysserenhetyarerabendonedingssordanse with messealing requiramentamingellikosat/kier/Maliconstruction code: Trife 1500/ALTHEABTH DEPARTMENT ORTREGIONALTRUBI(OTHE/ABTH) DEPARTMENT MUSTUBENOTI EIED/ALTEEAST ABTHOURSTRUCKTONSE/ABING. U.S. EPA 1. Ownership (Name of Controlling Party) Well Site Address 60085 2. Well Location: 90 East Seahorse Drive Waukegan City Land I.D.# MW-526D County Lake Township 45N Lot# 12E SE SW Range Quarter of the Quarter of the Quarter Section GPS: North West 42 Seconds 12.5 Minutes 49 Seconds |11.3 Minutes Degrees 87 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be fallfude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 29 Monitoring 6. Total Depth (ft.) Diameter (in.) 5. Type of Well 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) Bentonite 3/8-inch plug From (ft.) 29 Filled with to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) From (ft.) to (ft.) Kind of plug 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG 196000346 Complete License Number Name 1 South Wacker Drive, Suite 3

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WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT Iths/omeshalkeeshon/liedkoungspeparlmenkorupelbeakheallholpeatmenkmore/litankspetersealler awaterwall-bonnoro nonlongewallkeesaled Suchwallsenedolpeasaledkookmoredhankspelagekheykarokbandonedhaseerdaneewillikuteseallho adpliamentanganellipok WalerWelleonakuelloneerde aheakeerde herderakungeerakungeerde waterwallebande willikuteseallho pelaakungungustasenedhaleorakuseasii asahoursakueseallinge lu.s. epa 1. Ownership (Name of Controlling Party) 2. Well Location: Well Site Address 60085 City 90 East Seahorse Drive Waukegan Land I.D.# MW-526S County Lake Township 45N Lot# 12E SE SW Range Quarter of the Quarter of the Quarter Section GPS: North West Minutes 22 Seconds |12.4 Degrees |87 Degrees Minutes 49 Seconds 111.3 Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. tallitude 38 degrees 46.07 minutes N would be latitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4 2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, If known 5. Type of Well Monitoring 6. Total Depth (ft.) 11.35 Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 11.35 Filled with Bentonite 3/8-inch plug From (ft.) Kind of plug to (ft.) From (ft.) to (ft.) Filled with From (ft.) Kind of plug From (ft.) to (ft.) Filled with to (ft.) From (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 11. Licensed water well driller or other person approved by the Department performing well sealing Complete License Number | 196000346 Carol Nissen, PG Name

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1 South Wacker Drive, Suite





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Zip Code

WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE **LOCAL HEALTH DEPARTMENT** Inistomyshallusesubmillectioxhis;departmentortheliocaltreallhidepartmentindimorallhim/Qdlays/after/arvater/well/borno nonlong walkstened. Such wells ere to be scale thou nor than 30 days are litery are bardoned line condance with the scaling requirements in the lillings which walk construction dode. The Local Habit in DEPARTMENT OR RECTIONAL RUBLICATION FOR THE LOCAL HEAD IN DEPARTMENT OR RECTIONAL RUBLICATION FOR THE DEPARTMENT OR RECTIONAL RUBLICATION FOR THE DEPARTMENT OF THE LOCAL HEAD THE DEPARTMENT OF THE DEPARTMENT OF THE LOCAL HEAD THE DEPARTMENT OF THE DEPARTMENT O 1. Ownership (Name of Controlling Party) U.S. EPA Well Site Address 2. Well Location: 60085 Zip 90 East Seahorse Drive Waukegan Lake 45N Land I.D.# W-12 County Township Lot# SE Isw Range Quarter of the Quarter of the Section Quarter GPS: North West Seconds 56.1 42 Seconds 114.4 Degrees |87 Minutes |48 Degrees Minutes Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be latitude 38 degrees 48 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 7.71 6. Total Depth (ft.) 5. Type of Well Monitoring Diameter (In.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 0 to (ft.) 7.71 Filled with Bentonite 3/8-inch plug From (ft.) Kind of plug From (ft.) to (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) to (ft.) 9. CASING RECORD Upper 2 feet of casing removed No Jul 27, 2010 10. Date well was sealed 11. Licensed water well driller or other person approved by the Department performing well sealing Carol Nissen, PG Complete License Number 196000346 Name

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1 South Wacker Drive, Suite 곫

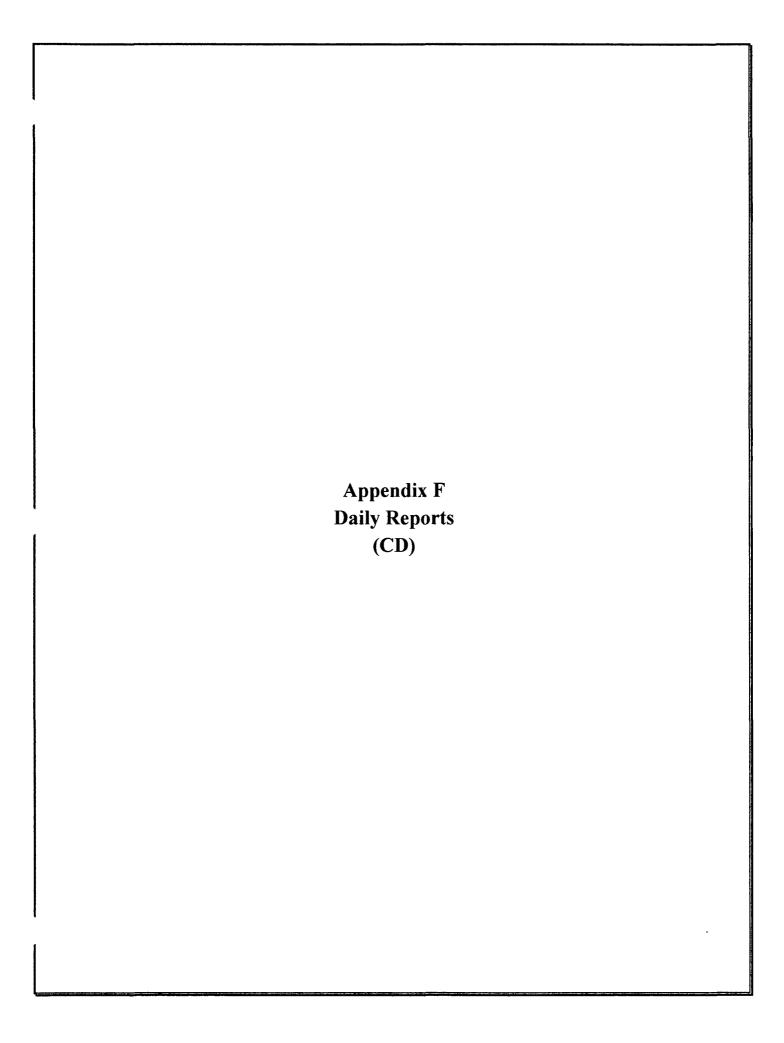


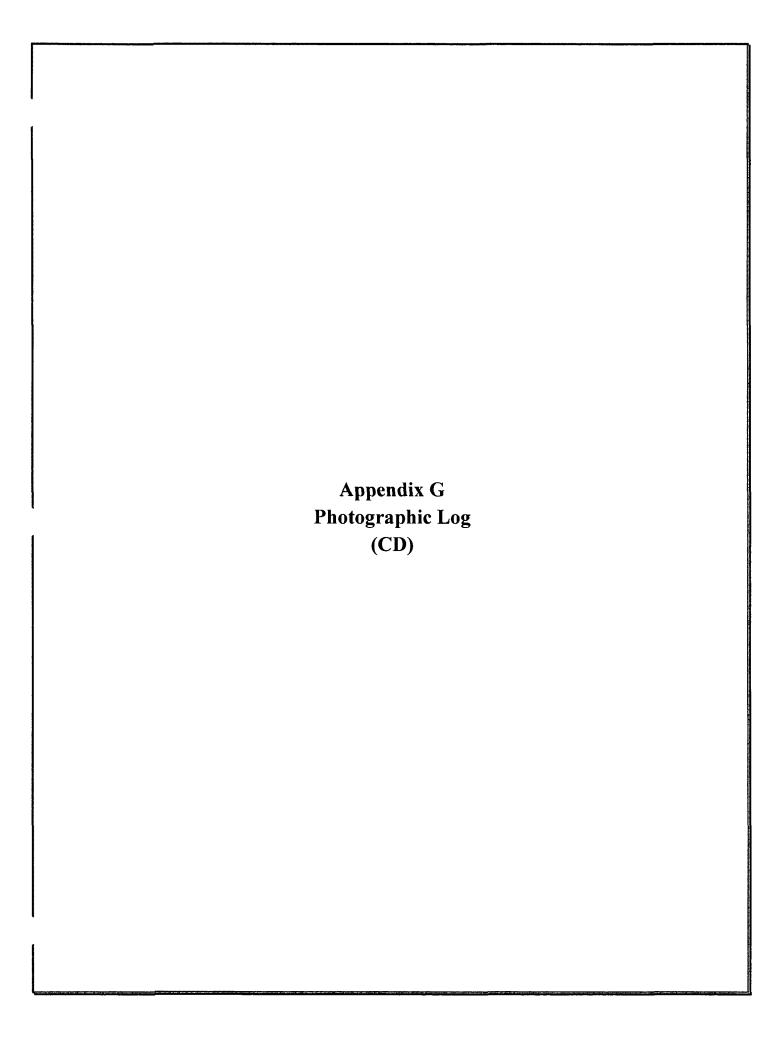


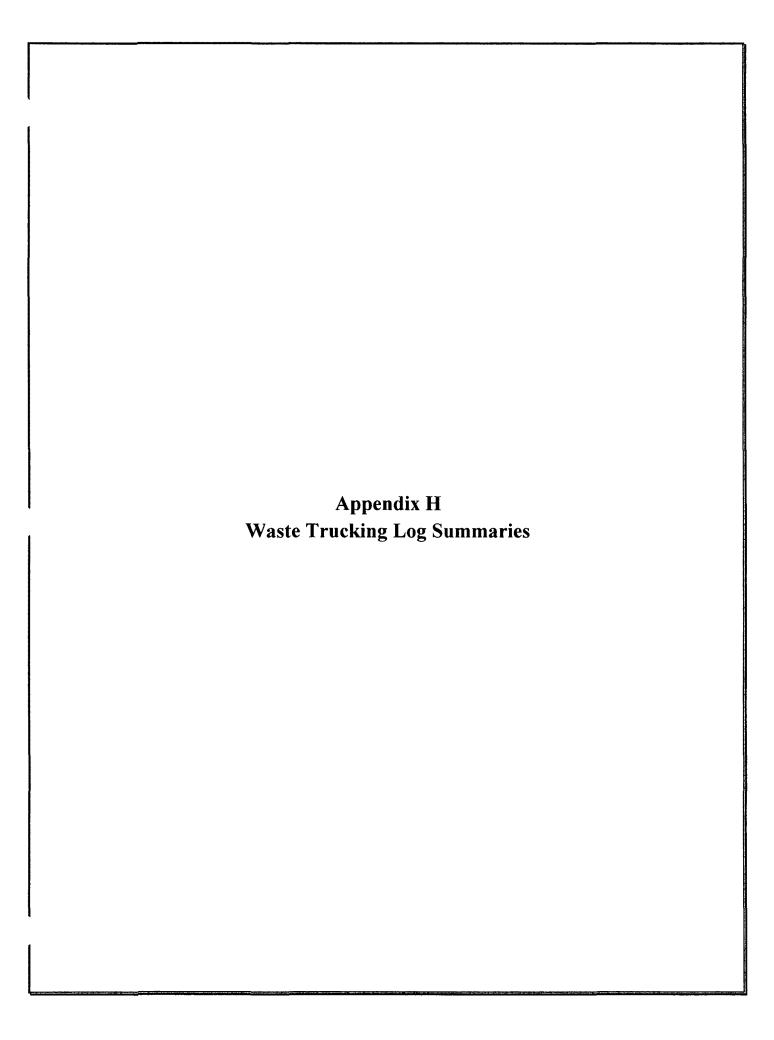
WATER WELL SEALING FORM RETURN ALL COPIES TO IDPH OR PDF FILLABLE/SAVABLE LOCAL HEALTH DEPARTMENT nontornamentas surtuma to trasperational policial health department not more than 30 days at laborational surtum to the second new that the second 1. Ownership (Name of Controlling Party) lu.s. epa 2. Well Location: Well Site Address 60085 City Zip 90 East Seahorse Drive Waukegan Land I.D.# W-13 County Lake Township 45N Lot# 12E SE SW Range Quarter of the Quarter of the Quarter Section GPS: North West 42 Minutes 22 Seconds 13 Degrees 87 Minutes 48 Seconds 56.8 Degrees Report decimal minutes to minutes and seconds by multiplying the decimal part of the minutes by 60, e.g. latitude 38 degrees 46.07 minutes N would be fallitude 38 degrees 46 minutes 4.2 seconds (0.07 x 60 = 4.2) N. Report GPS coordinates to the nearest 0.1 second. 3. Year Drilled 4. Drilling Permit Number (and date, if known 12.5 5. Type of Well Monitoring 6. Total Depth (ft.) Diameter (in.) 7. Formation clear of obstruction Yes 8. Detains of Plugging (bentonite, neat cement or other materials) 12.5 Filled with Bentonite 3/8-inch plug From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) to (ft.) Filled with From (ft.) to (ft.) Kind of plug From (ft.) Filled with From (ft.) to (ft.) to (ft.) Kind of plug From (ft.) 9. CASING RECORD Upper 2 feet of casing removed No 10. Date well was sealed Jul 27, 2010 11. Licensed water well driller or other person approved by the Department performing well sealing Name Carol Nissen, PG Complete License Number 196000346 1 South Wacker Drive, Suite 3 Chicago 60606 **Address** City Illinois Zip Code State

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		Number of	# of Non-TSCA	# of Non-TSCA	Total Number of Non-TSC
Date 08/06/2010	Veolia Veolia	Manifests 34	Soil Loads 112	Concrete Loads	Loads 112
08/09/2010	Veolia	28	28	0	28
	Veolia	48	169	0	169
08/10/2010					
08/11/2010	Veolia	44	155	0	155
08/12/2010	Veolia	45	161	0	161
08/13/2010	Veolia	44	147	0	147
08/16/2010	Veolia	52	165	0	165
8/17/2010	Veolia	37	130	0	130
08/18/2010	Veolia	32	104	0	104
08/19/2010	Veolia	39	131	0	131
8/20/2010	Veolia	44	138	0	138
08/23/2010	Veolia	43	136	0	136
08/24/2010	Veolia	21	81	0	81
9/01/2010	Veolia	15	53	0	53
9/03/2010	Veolia	12	40	<u>ŏ</u>	40
9/07/2010	Veolia	20	65	0	65
9/08/2010	Veolia	18	48	20	68
9/09/2010	Veolia	22	30	38	68
9/10/2010	Veolia	30	98	0	98
9/13/2010	Veolia	27	94	0	94
9/14/2010	Veolia	28	96	D	96
9/15/2010	Veolia	32	107	0	107
9/16/2010	Veolia	46	133	0	133
9/17/2010	Veolia	27	92	0	92
9/20/2010	Veolia	41	90	37	127
9/21/2010	Veolia	32	38	84	122
9/22/2010	Veolia	43	24	115	139
9/23/2010	Veolia	36	50	79	129
	Veolia	38	77	36	113
9/24/2010		-			
9/27/2010	Veolia	32	23	67	90
9/28/2010	Veolia	25	82	0	82
9/29/2010	Veolia	24	43	37	80
9/30/2010	Veolia	26	91	0	91
0/01/2010	Veolia	31	82		82
0/04/2010	Veolia	28	110	1	111
0/05/2010	Veolia	43	137	0	137
0/06/2010	Veolia	43	93	60	153
0/07/2010	Veolia	38	142	0	142
0/08/2010	Veolia	31	120		120
	Veolia	32	122	0	122
0/11/2010		 -			
0/12/2010	Veolia	30	111	0	111
0/13/2010	Veolia	36	131	0	131
0/14/2010	Veolia	43	140	0	140
0/15/2010	Veolia	47	134	0	134
0/18/2010	Veolia	38	61	70	131
0/19/2010	Veolia	52	188	<u>\$2</u>	240
0/20/2010	Veolia	52	125	\$8	183
0/21/2010	Veolia	61	38	\$7	95
0/22/2010	Veolia	56	158	14	172
0/25/2010	Veolia	63	23	128	151
0/26/2010	Veolia	114	381	0	381
0/28/2010	Veolia	100	317	0	317
1/01/2010	Veolia	52	155	0	155
1/04/2010	Veolia	2	6	0	+
					6
1/05/2010	Veolia	2	3	4	7
1/08/2010	Veolia	12	30	0	30
1/09/2010	Veolia	20	51	0	51
1/10/2010	Veolia	32	100	0	100
1/11/2010	Veolia	33	107	0	107
1/12/2010	Veolia	35	110	0	110
1/15/2010	Veolia	40	122	0	122
1/16/2010	Veolia	61	157	0	157
1/17/2010	Veolia	43	154	0	154
1/18/2010	Veolia	64	127	32	159
1/19/2010	Veolia	32	65	16	81
		24			66
1/22/2010	Veolia		66	0	
1/23/2010	Veolia	47	80	27	107
1/24/2010	Veolia	22	60	0	60
1/29/2010	Veolia	41	149	0	149
1/30/2010	Veolia	39	153	0	153
2/01/2010	Veolia	36	134	0	134
2/02/2010	Veolia	45	161	0	161
2/03/2010	Veolia	34	124	0	124
2/06/2010	Veolia	37	148	0	148
2/07/2010	Veolia	32	110	78	188
2/08/2010	Veolia	26	90	0	90
2/09/2010	Veolia	32	101	0	101
2/10/2010	Veolia	34	104	0	104
2/13/2010	Veolia	41	133	0	133
2/14/2010	Veolia	28	103	0	103
2/15/2010	Veolia	36	122	0	122
2/16/2010	Veolia	36	123	0	123
2/17/2010	Veolia	31	107	0	107
2/20/2010	Veolia	44	133	0	133
2/21/2010	Veolia	29	99	 0	99
	1.0000			J	

7.	3 .		` ',	* *	
Date	Landfill	Number of	# of Non-TSCA Soil Loads	# of Non-TSCA Concrete Loads	Total Number of Non-TSCA Loads
01/24/2011	Veolia	30	97	0	97
01/25/2011	Veolia	34	116	0	116
01/26/2011	Veolia	38	130	0	130
01/27/2011	Veolia	40	125	0	125
01/28/2011	Veolia	31	104	0	104
01/31/2011	Veolia	36	111	0	111
02/01/2011	Veolia	18	50	0	50
02/09/2011	Veolia	30 35	93 114	0	93 114
02/10/2011	Veolia	37	85	0	85
02/17/2011 02/21/2011	Veolia Veolia	21	71	0	71
02/23/2011	Veolia	23	75	0	75
02/24/2011	Veolia	25	82	0	82
02/25/2011	Veolra	24	75	0	75
02/28/2011	Veolia	23	73	0	73
03/01/2011	Veolia	15	49	0	49
03/03/2011	Veolia	14	43	0	43
04/06/2011	Veolia	3	0	10	10
04/07/2011	Veolia	13	4	28	32
04/08/2011	Veolia	12	42	0	42
04/18/2011	Veolia	16	54	0	54
04/21/2011	Veolia	26	88	0	88
04/22/2011	Veolia	31	97	0	97
04/25/2011	Veolia	24	81	0	81
04/26/2011	Veolia	6	17	0	17
04/27/2011	Veolia	20	67	0	67
04/28/2011	Veolia	12	41	0	41
04/29/2011	Veolia	20	68	0	68
05/02/2011	Veolia	7	23	0	23
05/03/2011	Veolia	14	47	0	47
05/04/2011	Veolia	35	64	18	82
05/05/2011 05/06/2011	Veolia Veolia	12	29 19	0 11	29 30
06/17/2011	Veolia	15	49	0	49
06/20/2011	Veolia	4	12	- 0	12
07/06/2011	Veolia	18	57	- 0	57
07/07/2011	Veolia	25	81	0	81
07/08/2011	Veolia	23	81	0	81
07/21/2011	Veolia	25	63	0	63
07/22/2011	Veolia	8	16	0	16
07/26/2011	Veolia	18	47	0	47
07/27/2011	Veolia	19	50	0	50
07/29/2011	Veolia	17	48	0	48
08/01/2011	Veolra	12	32	0	32
08/02/2011	Veolia	25	74	0	74
08/03/2011	Veolia	24	69	0	69
08/04/2011	Veolia	16	51	0	51
08/05/2011	Veolia	23	69	0	69
08/08/2011	Veolia	11	43	0	43
08/09/2011	Veolia	5	16	0	16
08/10/2011	Veolia	3	9	0	9
08/11/2011	Veolia	5 4	13	0	13 10
08/12/2011	Veolia	+ 4	10	υ	0
	+	-	 		0
	+	-	 		0
	 		 		0
	-		 		0
					0
TOTALS	+	3,754	10,878	1,177	12,324
	+	+			
	L LOADS (TSCA		LOADS		
			14,509		

					-
Date	Landfill .	# of TSCA Soll Loads	# of TSCA Concrete Loads	# of Concrete/ Asbestos Loads	Total # of TSCA Loads
09/13/2010	Heritage	4	0	0	4
09/14/2010	Heritage	21	0	0	21
09/16/2010	Heritage	2	0	0	2
09/17/2010	Heritage	26	0	0	26
09/21/2010 09/22/2010	Heritage Heritage	16 14	0	0	16 14
09/23/2010	Heritage	14	0	0	14
09/24/2010	Heritage	7	0	0	7
09/27/2010	Heritage	13	0	0	13
09/28/2010	Hentage	9	3	0	12
09/29/2010 09/30/2010	Heritage Heritage	12 5	0	0	
10/01/2010	Heritage	10	0	0	10
10/04/2010	Heritage	7	6	0	13
10/05/2010	Heritage	14	0	0	14
10/06/2010	Heritage	17	0	0	17
10/07/2010	Heritage	18	13	0 0	18 14
10/08/2010 10/11/2010	Heritage Heritage	0	12	0	12
10/12/2010	Heritage	12	0	0	12
10/13/2010	Heritage		0	0	8
10/14/2010	Heritage	15	0	0	15
10/15/2010	Heritage	12	0	0	12
10/18/2010	Heritage Heritage	15 17	0	0	15 17
10/19/2010 10/20/2010	Heritage	19	0	0	19
10/21/2010	Heritage	16	0	0 _	16
10/22/2010	Heritage	13	0	0	13
10/25/2010	Heritage	17	0	0	17
10/26/2010	Heritage	20	0	0	20 25
10/27/2010 10/28/2010	Heritage Heritage	25 22	0	0	22
10/29/2010	Heritage	20	0	0	20
11/01/2010	Heritage	0	18	0	18
11/02/2010	Heritage	0	18	0	18
11/22/2010	Heritage	12	0	0	12
11/23/2010	Heritage	21 14	0	0	21 14
11/24/2010 11/29/2010	Heritage	11	0	ō	11
11/30/2010	Heritage	32	0	0	32
12/01/2010	Heritage	30	0	0	30
12/02/2010	Hentage	28	0	0	28
12/03/2010	Heritage	28 25	0	0	28 25
12/06/2010 12/07/2010	Heritage Heritage	5	0	0	5
12/08/2010	Heritage	6	0	0	6
12/09/2010	Heritage	5	0	0	5
12/10/2010	Heritage	5	0	0	5
12/13/2010	Heritage	8	0	0	<u>8</u> 8
12/14/2010 12/15/2010	Heritage Heritage	7	0	0	<u>s</u> 7
12/15/2010	Heritage	5	0	0	5
12/17/2010	Heritage	7	0	0	7
12/20/2010	Heritage	12	0	0	12
12/21/2020	Heritage	12	0	0	12
12/22/2010 01/27/2011	Heritage Heritage	10 11	0	0	11
01/28/2011	Heritage	9	0	0	9 _
01/31/2011	Heritage	5	0	0	5
02/09/2011	Heritage	5	0	0	5
02/10/2011	Heritage	4	0	0	15
02/11/2011 02/14/2011	Heritage Heritage	15 2	8	0	15 10
02/14/2011	Heritage	4	4	0	8
02/15/2011	Heritage	0	4	0	4
02/17/2011	Heritage	0	5	0	5
02/18/2011	Heritage	0	5	.0	5
02/21/2011	Heritage	5	5	0	10
02/22/2011 02/23/2011	Heritage	3	7	0	11
02/23/2011	Heritage Heritage	9	3	0	12
02/25/2011	Heritage	6	2	0	8
02/28/2011	Heritage	8	2	0	10
03/01/2011	Heritage	- 8	2	0	10
03/02/2011	Heritage	14	4	0	18
03/03/2011	Heritage	9	9 17	0	18 17
03/04/2011 03/07/2011	Heritage Heritage	0	17	0	17
03/08/2011	Heritage	0	21	0	21
03/09/2011	Heritage	0	22	0	22
03/10/2011	Heritage	9	17	0	26

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			٠,		
Date	Landfill	# of TSCA	# of TSCA Concrete Loads	# of Concrete/ Asbestos Loads	Total # of TSCA Loads
Date 03/11/2011	Heritage	Soil Loads 21	0	O O	21
03/14/2011	Heritage	21	0	0	21
03/15/2011	Heritage	11	15	0	26
03/16/2011	Heritage	0	29	0	29
03/17/2011	Heritage	2	27	0	29
03/18/2011 03/21/2011	Heritage	0	23 18	0	25 18
03/21/2011	Heritage Heritage	0	19	0	19
03/23/2011	Heritage	0	23	0	23
03/24/2011	Heritage	0	23	0	23
03/25/2011	Heritage	10	9	0	19
03/28/2011	Heritage	18	0	0	18
03/29/2011 03/30/2011	Heritage Heritage	21	0	0	21 24
03/30/2011	Heritage	24	0	0	24
04/01/2011	Heritage	0	19	0	19
04/04/2011	Heritage	25	0	0	25
04/05/2011	Heritage	34	0	0	34
04/06/2011	Heritage	36	0	0	36
04/07/2011	Heritage	32 25	0	0	32 25
04/08/2011 04/11/2011	Heritage Heritage	23	0	0	23
04/11/2011	Heritage	35	0	0	35
04/13/2011	Heritage	39	0	0	39
04/14/2011	Heritage	39	0	0	39
04/15/2011	Heritage	28	0	0	28
04/18/2011	Hentage	27	0	0	27
04/19/2011 04/20/2011	Heritage Heritage	29 0	32	0	29 32
04/21/2011	Heritage	0	32	ő	32
04/22/2011	Heritage	8	6	0	14
04/25/2011	Heritage	5	0	0	5
04/26/2011	Heritage	7	0	0	7
04/27/2011	Heritage	8	0	0	8 1
04/28/2011 04/29/2011	Heritage Heritage	0	0	0	0
05/05/2011	Heritage	6	9	0	15
05/06/2011	Heritage	2	1	0	3
06/06/2011	Heritage	1	5	2	. 8
06/07/2011	Heritage	0	. 5	1	6
06/08/2011	Heritage	0	4	1	5 7
06/09/2011 06/10/2011	Heritage Heritage	0	7 5	1	6
06/13/2011	Heritage	0	6	0	6
06/14/2011	Heritage	0	4	0	4
06/15/2011	Heritage	0	6	0	6
06/16/2011	Heritage	0	5	0	5
06/17/2011	Heritage	1	3	0	4
06/20/2011	Heritage	1 5	3 0	0	<u>4</u> 5
06/29/2011 06/30/2011	Heritage Heritage	7	0	0	7
07/01/2011	Heritage	4	3	0	7
07/26/2011	Heritage	5	2	0	7
07/27/2011	Heritage	5	4	0	9
07/28/2011	Heritage	5	4	0	9
07/29/2011	Heritage	2	4	0	6
08/01/2011 08/02/2011	Heritage Heritage	6 20	2	0	9 22
08/02/2011	Heritage	22	0	0	22
08/04/2011	Heritage	17	. 0	0	17
08/05/2011	Heritage	8	0	Đ	8
08/08/2011	Heritage	11	0	. 0	11
08/09/2011	Heritage	10	0	0	10
08/10/2011 08/11/2011	Heritage Heritage	9 7	2	0	9
08/11/2011	Heritage	8	2	0	10
	gc	<u> </u>			
TOTAL		1,579	601	5	2,185
		_,,,,,			

